## Design Elements of Beautiful Gardens

Research and Extension

## Perennial Plant Combinations

There are so many wonderful perennials. Narrowing the selection for your own garden can seem rather daunting. Using some of the design tips below can help you achieve stunning results and create eye-catching combinations.

Before starting, determine the soil, light and moisture conditions in your garden. Understanding the site will help in choosing plants that will thrive and ultimately make the best combinations.

Make a list of favorite plants - ones that will thrive in the soil, moisture and light conditions of your garden. List should include: bloom color, bloom time, foliage color, and mature height/width.

When making combinations, consider the following:
Plant Size and Shape The overall height and width of the plant at maturity is important. Gardens look boring if all of the plants are the same size, even if they vary in color or bloom time. Place larger plants in the background, adding lower-growing perennials in front. Three or four different heights are ideal.

Flower Color Colors can be massed together or intermixed. If you mix colors together, look for complementary colors. Use restraint when combining colors - select a limited color scheme. When using large swathes of an intense color, such as with monarda (bee balm), it is a good idea to include a neutral tone in the garden, such as a white daisy, to help tone things down. This will accentuate the stronger colored plant.

Foliage Color Even leaves come in different colors. Gray and silver plants such as Russian Sage, artemesia, and lamb's ear blend beautifully with green foliage. There are also many plants with variegated leaves. Hostas are a good example of plants with outstanding variegation.

Flower Shape Flowers come in all kinds of shapes, from simple daisies to trumpet-shaped lilies. While color is often the first thing that comes to mind when combining plants, flower shape also helps set a mood and is an important element in garden design. If you desire a monochromatic garden, combine two or three different flower shapes for a beautiful effect. For example, daisies, Asiatic lilies and delphiniums, even if they are all white, make an interesting combination.


Below are eight flower shapes and examples of plants in each category:

- Daisies are the shape to choose for a simple, natural look. Asters, shasta daisies, purple coneflowers, rudbeckias, sunflowers, and coreopsis are good examples of this shape.
- Flatheads give the eye a place to rest. Examples include butterfly weed, dill, Joe Pye weed, lantana, verbena, and yarrow.
- Clusters provide some weight to a design. This shape makes a good transition between different shapes. Clusters include begonia, garden phlox, lady's mantle, spiderwort, and sweet woodruff.
- Spikes are great attention getters that add height to your garden. Liatris, cardinal flower, hollyhocks, Russian sage, salvia, and speedwell all fall into this category.
- Plumes help make a garden feel informal. Plumes make a good transition shape between spikes and flatheads. Examples of this shape include astilbe, coral bells, goatsbeard, meadow rue, ornamental grasses, and Jupiter's beard.
- Globes or rounded shapes really stand out. Use them as accents or focal points. Globes don't have to be a particular size to have an impact. Globe-shaped plants include alliums, monarda, globe thistle, sea thrift and chives.
- Trumpets and Cups are similar in shape but have different effects. Trumpets are attention getting while cups are simpler and more casual. Trumpet shapes include bellflowers, daylilies, and Asiatic lilies. Peonies, tulips, and oriental poppies are examples of cup shapes.
- Fillers provide a backdrop and fill in bare spots. Examples of fillers include baby's breath, columbine, flax, and sea lavender. Incorporating fillers can also help to highlight a favorite plant. For example, planting baby's breath with lilies makes the lilies the focal point.

Texture Plants and their leaves fall into one of three textures - fine, medium, and coarse. Texture applies primarily to foliage. Examples of fine-textured plants include ferns, ornamental grasses, lavendar and Russian sage. Course-textured plants include hostas, brunnera, berginia, and yucca. Medium-sized leaves bridge fine- and coarse-textured plants. Combine different textures for a great visual effect and contrast. An example of good contrast using different textures is bold-foliaged hostas mixed with finetextured plants such as fern and perennial geraniums. If you have trouble separating color from texture in your garden, take a black-and-white photo and the different textures will really jump out.

Bloom Time For year-round interest in your garden, vary the bloom time of the plants. Whether you have color groupings or a dominant color scheme, varying the bloom time will provide for an interesting garden from season to season.

Repetition, another element of garden design, suggests that shapes, textures, colors and sizes should be repeated throughout the garden. Repetition makes the garden easier to look at and holds the design together. By incorporating some or all of these techniques, you will have a garden with good contrast and unity.

Once you have created a beautiful combination, compose another one that looks good with the first. Experiment - find combinations that look and feel right for you and your garden.

## Plant Combinations You Might Want to Try

## SUN

| Peony, Iris pallida 'Variegata' and Leucanthemum superbum 'Hartje and Elder' (daisy) |
| :--- |
| Rosa 'Nearly Wild', Achillea 'Moonshine' (yarrow) and Salvia 'Blue Hill' ' |
| Perovskia atriplicfolia 'Filigran' (Russian Sage), Rudbeckia fulgida 'Goldsturm' (Black-eyed Susan) and Sedum <br> spectabile 'Autumn Joy' |
| Artemesia 'Powis Castle', Nepeta x faassenii 'Six Hills Giant' and Stachys byzantina (Lamb's Ears) |
| Perovskia atriplicifolia (Russian Sage), Heliopsis helianthoides 'Summer Sun' (False Sunflower) and Echinacea purpurea <br> 'White Swan' (Coneflower) <br> Achillea 'Moonshine' (Yarrow), Allium schoenoprasum (Chives) and Thymus vulgaris (Thyme) <br> Coreopsis verticillata 'Zagreb' and Asclepias tuberosa (Butterfly Weed) <br> Artemisia 'Powis Castle' and Origanum laevigatum (Oregano) <br> Echinacea purpurea 'White Swan' (Coneflower), Echinacea purpurea 'Magnus' (Coneflower) and Liatris spicata 'Kobold' <br> Aster 'Purple Dome', Sedum spectabile 'Autumn Joy' and Artemisia 'Powis Castle' <br> Solidago canadensis 'Crown of Rays' (Goldenrod) and Aster novae angliae 'Hella Lacy' (New England Aster) <br> Thalictrum aquilegifolium (Meadow Rue), Achillea 'Moonshine' (Yarrow) and Salvia nemorosa 'May Night' <br> Miscanthus gracillimus 'Morning Light', Boltonia asteroides 'Snowbank' and Rudbeckia fulgida 'Goldsturm' (Black-eyed <br> Susan) |
| Echinops bannaticus (Globe thistle) and Daylily 'Frankly Scarlet' |
| Feather Reed Grass 'Karl Foerster', Echinacea purpurea 'Magnus' (Coneflower) and Perovskia atriplicifolia (Russian <br> Sage) |
| Clematis 'General Sikorski', Delphinuim 'Black Knight' and Iris pseudacorus 'Variegata' |
| Monarda didyma 'Petite Delight' (Bee Balm), Lavandula angustifolia 'Hidcote' (Lavender) and Thymus serpyllum 'Pink <br> Chintz' (Creeping Thyme) |
| Baptisia australis (Blue Wild Indigo), Baptisia alba (White Wild Indigo), Allium schoenoprasm 'Forescate' |

## SHADE

| Dicentra spectabilis (Old Fashion Bleeding Heart), Astilbe chinensis 'Vision' and Hosta 'Elegans' |
| :--- | :--- |
| Hosta 'Gold Standard', Dicentra 'Luxurient' (Bleeding Heart) and Pulmonaria 'Sissinghurst White' |
| Siberian Iris 'Caesar's Brother' and Alchemilla mollis (Lady's Mantle) |
| Yew 'Wards', Hosta 'Frances Williams', Heuchera 'Chocolate Ruffles' (Coral Bells) and Liriope muscari 'Variegata' |
| Corydalis lutea, Polystichum acrostichoides (Christmas Fern) and Hosta lancifolia 'Kabitan' |
| Dicentra spectabilis (Old Fashion Bleeding Heart), Hosta 'Krossa Regal' and Hosta sieboldiana 'Elegans' |
| Dicentra formosa 'Luxuriant' (Bleeding Heart) and Polygonatum odoratum 'Variegatum' (Variegated Solomon Seal) |
| Ajuga reptans and Lamium maculatum 'White Nancy' |
| Hosta 'Francee' and Adiantum pedatum (Maidenhair fern) |
| Phlox divaricata (Wild Blue Phlox), Symphytum grandiflorum (Comfrey) and Polystichum acrostichoides (Christmas Fern) |
| Hosta fortunei 'Albo-picta', Heuchera 'Pewter Veil' (Coral Bells) and Pulmonaria 'Excalibur' |
| Heuchera 'Palace Purple' (Coral Bells), Astilbe japonica 'Europa' and Athyrium filix-femina (Lady Fern) |
| Osmunda claytoniana (Interrupted Fern) and Asarum canadense (Wild Ginger) |
| Aruncus dioicus (Goat's Beard), Stylophorum diphyllum (Celandine Poppy) and Athyrium filix-femina (Lady Fern) |
| Tradescantia (Spiderwort), Hosta 'Paul's Glory' and Astilbe 'Peaches and Cream' |
| Osmunda cinnamomea (Cinnamon Fern), Hosta 'Sum and Substance' and Brunnera 'Jack Frost' |
| Aquilegia canadensis (Columbine), Iris versicolor 'Blue Flag' and Liriope muscari 'Majestic' |
| Athyrium nipponicum pictum (Japanese Painted Fern) and Hosta 'Red October' |

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## Extension Master Gardener Hotline

