

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Grid Layout Example</title>
  <style>
    .container {
      display: grid;
      grid-template-columns: 50px 50px 50px;
      grid-template-rows: 50px 50px;
      gap: 10px; /* Optional gap between grid items */
    }

    .container .item1 {
      grid-column: 1;
      grid-row: 1;
      background-color: #ff5733; /* Optional background color for item1 */
    }

    .container .item2 {
      grid-column: 2;
      grid-row: 1;
      background-color: #33ff57; /* Optional background color for item2 */
    }

    .container .item3 {
      grid-column: 1;
      grid-row: 2;
      background-color: #5733ff; /* Optional background color for item3 */
    }

    .container .item4 {
      grid-column: 2;
      grid-row: 2;
      background-color: #ff33a8; /* Optional background color for item4 */
    }
  </style>
</head>
<body>
  <section class="container">
    <div class="item1">item1</div>
    <div class="item2">item2</div>
    <div class="item3">item3</div>
    <div class="item4">item4</div>
  </section>
</body>
</html>
```

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<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Color Change on Hover</title>
  <style>
    .custom-div {
      width: 150px;
      height: 150px;
      background-color: red;
      transition: background-color 1s;
    }

    .custom-div:hover {
      background-color: green;
    }
  </style>
</head>
<body>
  <div class="custom-div"></div>
</body>
</html>
```

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Hover Transition Example</title>
  <style>
    div {
      height: 100px;
      width: 100px;
      border: 1px solid;
      transition-property: height, width;
      transition-duration: 1s, 500ms;
      transition-timing-function: linear;
      transition-delay: 0s, 1s;
    }

    div:hover {
      height: 200px;
    }
  </style>
</head>
<body>
  <div></div>
</body>
</html>
```

```
        width: 200px;
    }
</style>
</head>
<body>
    <div></div>
</body>
</html>
```