

# Ejercicio de diseño con *flex*

Partiendo de la siguiente página:

```
<!DOCTYPE html>
<html lang="es">

<head>
  <meta charset="UTF-8">
  <meta http-equiv="X-UA-Compatible" content="IE=edge">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Ejercicios flex</title>
  <style>
    main {
      height: 200px;
      background-color: #c3c3c3;
      display: flex;
    }

    main div {
      width: 100px;
      height: 100px;
    }

    main div.rojo {
      background-color: red;
    }

    main div.verde {
      background-color: green;
    }

    main div.azul {
      background-color: blue;
    }
  </style>
</head>

<body>
  <main>
    <div class="rojo"></div>
    <div class="verde"></div>
    <div class="azul"></div>
  </main>
</body>




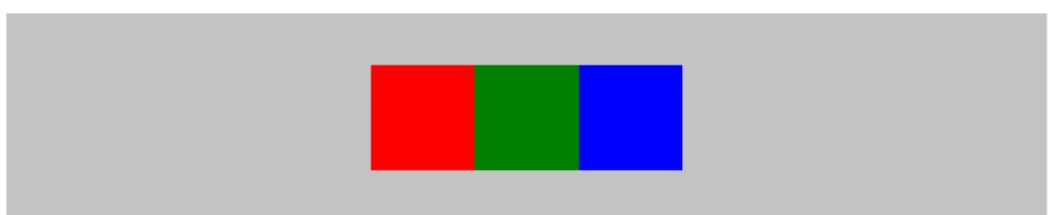


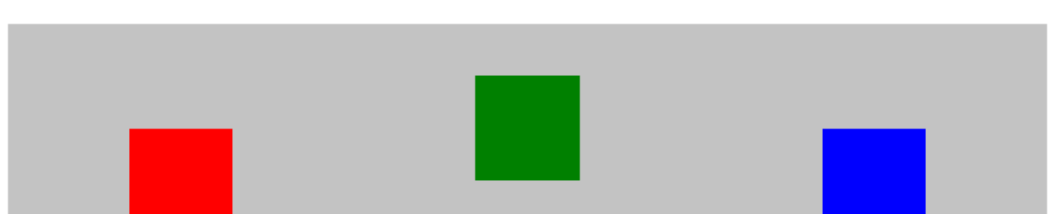
</html>
```

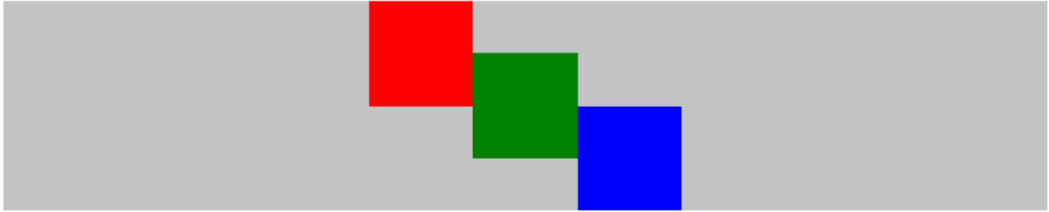

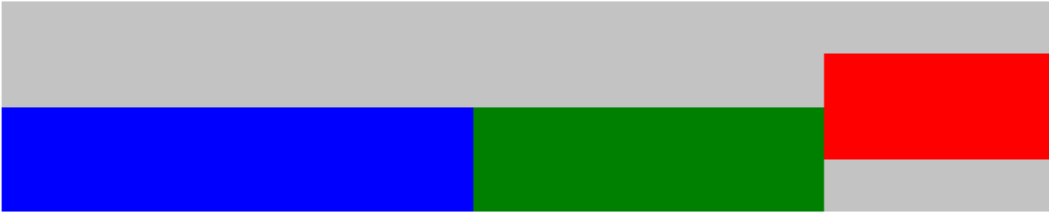

Cuya apariencia es:



Realiza los siguientes diseños utilizando las propiedades de los elementos *flex*. En los casos en los que se pueda hacer de varias maneras, busca la que menos propiedades haya que utilizar.

1	A horizontal layout where three adjacent squares (blue, green, red) are aligned to the right edge of a light gray container.
2	A vertical stack of three adjacent squares (red, green, blue) aligned to the left edge of a light gray container.
3	A vertical stack of three adjacent squares (blue, green, red) aligned to the left edge of a light gray container.
4	A horizontal layout where three adjacent squares (red, green, blue) are aligned to the right edge of a light gray container.
5	A horizontal layout where three adjacent squares (red, green, blue) are centered within a light gray container.

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**Soluciones:**

<b>1</b>	<pre>main {   flex-direction: row-reverse; }</pre>
<b>2</b>	<pre>main {   flex-direction: column; }</pre>
<b>3</b>	<pre>main {   flex-direction: column-reverse; }</pre>
<b>4</b>	<pre>main {   justify-content: flex-end; }</pre>
<b>5</b>	<pre>main {   justify-content: center; }</pre>
<b>6</b>	<pre>main {   justify-content: space-between; }</pre>
<b>7</b>	<pre>main {   justify-content: space-around; }</pre>
<b>8</b>	<pre>main {   align-items: flex-end; }</pre>
<b>9</b>	<pre>main {   justify-content: center;   align-items: center; }</pre>
<b>10</b>	<pre>main {   justify-content: space-between;   align-items: flex-end; }</pre>

<b>11</b>	<pre>main {   justify-content: space-between; } main div.verde {   align-self: flex-end; }</pre>
<b>12</b>	<pre>main {   justify-content: space-around;   align-items: flex-end; } main div.verde {   align-self: center; }</pre>
<b>13</b>	<pre>main {   justify-content: center; } main div.verde {   align-self: center; } main div.azul {   align-self: flex-end; }</pre>
<b>14</b>	<pre>main {   justify-content: space-between; } main div.rojo {   align-self: flex-end; } main div.azul {   align-self: flex-end; }</pre>

<b>15</b>	<pre>main {     flex-direction: row-reverse;     align-items: flex-end; } main div.rojo {     align-self: center;     flex-grow: 1; } main div.verde {     flex-grow: 2; } main div.azul {     flex-grow: 3; }</pre>
<b>16</b>	<pre>main div.rojo {     flex-grow: 1; } main div.verde {     flex-grow: 2;     align-self: center; } main div.azul {     flex-grow: 1;     align-self: flex-end; }</pre>