

Nível 1: Comando usando justify-content: flex-end; (faz com que os itens se alinhem ao lado direito do container).

FLEXBOX FROGGY

Level 1 of 24


Welcome to Flexbox Froggy, a game where you help Froggy and friends by writing CSS code! Guide this frog to the lilypad on the right by using the **justify-content** property, which aligns items horizontally and accepts the following values:

- **flex-start**: Items align to the left side of the container.
- **flex-end**: Items align to the right side of the container.
- **center**: Items align at the center of the container.
- **space-between**: Items display with equal spacing between them.
- **space-around**: Items display with equal spacing around them.

For example, **justify-content: flex-end;** will move the frog to the right.

```
1 #pond {  
2   display: flex;  
3   justify-content: flex-end  
4 }  
5  
6  
7  
8  
9  
10
```

Next



Nível 2: Comando usando justify-content: center; (os itens são alinhados no centro do contêiner).

FLEXBOX FROGGY

Level 2 of 24

Use **justify-content** again to help these frogs get to their lilypads. Remember that this CSS property aligns items horizontally and accepts the following values:


- **flex-start**: Items align to the left side of the container.
- **flex-end**: Items align to the right side of the container.
- **center**: Items align at the center of the container.
- **space-between**: Items display with equal spacing between them.
- **space-around**: Items display with equal spacing around them.

```
1 #pond {  
2   display: flex;  
3   justify-content: center  
4 }  
5  
6  
7  
8  
9  
10
```

Next

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Nível 3: Comando usando justify-content: space-around; (os itens são exibidos com espaçamento igual ao seu redor).

FLEXBOX FROGGY

Level 3 of 24

Help all three frogs find their lilypads just by using **justify-content**. This time, the lilypads have lots of space all around them.


If you find yourself forgetting the possible values for a property, you can click on the property name to view them. Try clicking on **justify-content**.

```
1 #pond {  
2   display: flex;  
3   justify-content: space-around;  
4 }  
5  
6  
7  
8  
9  
10
```

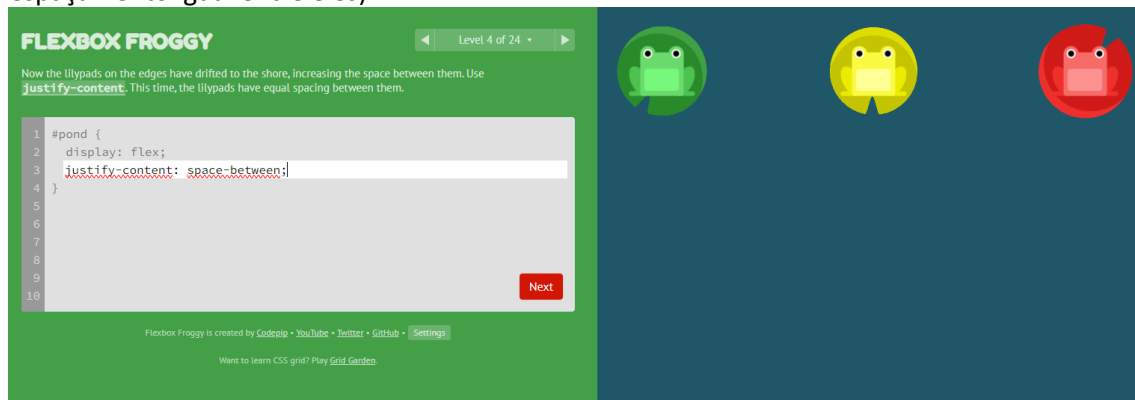
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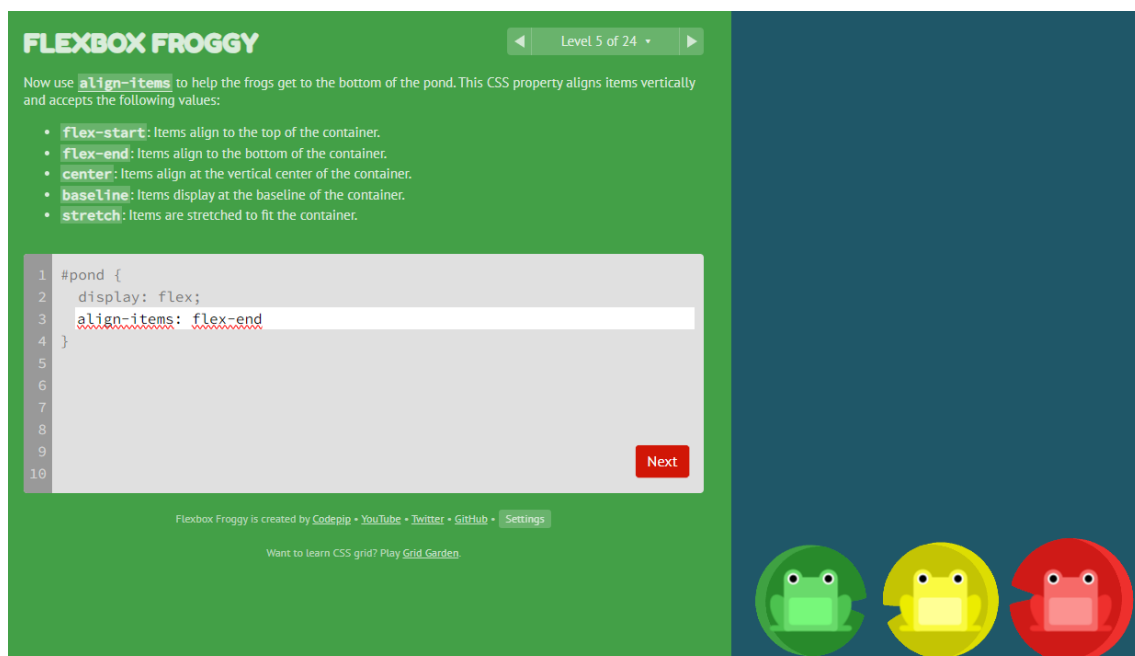
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Nível 4: Comando usando `justify-content: space-between;` (Os itens são exibidos com espaçamento igual entre eles).



Nível 5: Comando usando `align-items: flex-end;` (os itens são alinhados à parte superior do contêiner).



Nível 6: Comando usando `justify-content: center;` `align-items: center;` (os itens são alinhados no centro do contêiner).

FLEXBOX FROGGY

Level 6 of 24


Lead the frog to the center of the pond using a combination of `justify-content` and `align-items`.

```
1 #pond {
2   display: flex;
3   justify-content: center; align-items: center;
4 }
5
6
7
8
9
10
```

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Nível 7: Comando usando `justify-content: space-around;` `align-items: flex-end;` (os itens são exibidos com espaçamento igual ao seu redor). (os itens são alinhados ao lado direito do contêiner).

FLEXBOX FROGGY

Level 7 of 24


The frogs need to cross the pond again, this time for some lily pads with plenty of space around them. Use a combination of `justify-content` and `align-items`.

```
1 #pond {
2   display: flex;
3   justify-content: space-around; align-items: flex-end;
4 }
5
6
7
8
9
10
```

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Nível 8: Comando usando `flex-direction: row-reverse;` (os itens são colocados na direção oposta à do texto).

FLEXBOX FROGGY


Level 8 of 24

The frogs need to get in the same order as their lily pads using `flex-direction`. This CSS property defines the direction items are placed in the container, and accepts the following values:

- `row`: Items are placed the same as the text direction.
- `row-reverse`: Items are placed opposite to the text direction.
- `column`: Items are placed top to bottom.
- `column-reverse`: Items are placed bottom to top.

```
1 #pond {
2   display: flex;
3   flex-direction: row-reverse;
4 }
5
6
7
8
9
10
```

Next



Nível 9: Comando usando `flex-direction: column;` (Os itens são colocados de cima para baixo).

FLEXBOX FROGGY

◀ Level 9 of 24 ▶


Help the frogs find their column of lilypads using **flex-direction**. This CSS property defines the direction items are placed in the container, and accepts the following values:

- **row**: Items are placed the same as the text direction.
- **row-reverse**: Items are placed opposite to the text direction.
- **column**: Items are placed top to bottom.
- **column-reverse**: Items are placed bottom to top.

```
1 #pond {
2   display: flex;
3   flex-direction: column;
4 }
5
6
7
8
9
10
```

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Nível 10: Comando usando `flex-direction: row-reverse; justify-content: flex-end;` (os itens são colocados na direção oposta à do texto). (os itens são alinhados à parte superior do contêiner).

FLEXBOX FROGGY

◀ Level 10 of 24 ▶


Help the frogs get to their own lilypads. Although they seem close, it will take both **flex-direction** and **justify-content** to get them there.

Notice that when you set the direction to a reversed row or column, start and end are also reversed.

```
1 #pond {
2   display: flex;
3   flex-direction: row-reverse; justify-content: flex-end;
4 }
5
6
7
8
9
10
```

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Nível 11: Comando usando `flex-direction: column; justify-content: flex-end;` (Os itens são colocados de cima para baixo). (os itens são alinhados à parte superior do contêiner).

FLEXBOX FROGGY

Level 11 of 24

Help the frogs find their lilypads using `flex-direction` and `justify-content`.

Notice that when the flex direction is a column, `justify-content` changes to the vertical and `align-items` to the horizontal.

```
1 #pond {  
2   display: flex;  
3   flex-direction: column; justify-content: flex-end;  
4 }  
5  
6  
7  
8  
9  
10
```

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Nível 12: Comando usando flex-direction: column-reverse; justify-content: space-between; (Os itens são colocados de baixo para cima). (Os itens são exibidos com espaçamento igual entre eles).

FLEXBOX FROGGY

Level 12 of 24

Help the frogs find their lilypads using `flex-direction` and `justify-content`.

```
1 #pond {  
2   display: flex;  
3   flex-direction: column-reverse; justify-content: space-between;  
4 }  
5  
6  
7  
8  
9  
10
```

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Nível 13: Comando usando `flex-direction: row-reverse`; `justify-content: center`; `align-items: flex-end`; (os itens são colocados na direção oposta à do texto). (os itens são alinhados no centro vertical do contêiner). (os itens são alinhados à parte inferior do contêiner).

FLEXBOX FROGGY

Level 13 of 24


Help the frogs find their lilypads using `flex-direction`, `justify-content`, and `align-items`.

```
1 #pond {
2   display: flex;
3   flex-direction: row-reverse; justify-content: center; align-items:
4   flex-end;
5 }
6
7
8
9
10
```

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Nível 14: Comando usando `order: 01`;

FLEXBOX FROGGY

Level 14 of 24

Sometimes reversing the row or column order of a container is not enough. In these cases, we can apply the `order` property to individual items. By default, items have a value of 0, but we can use this property to also set it to a positive or negative integer value (-2, -1, 0, 1, 2).


Use the `order` property to reorder the frogs according to their lilypads.

```
1 #pond {
2   display: flex;
3 }
4
5 .yellow {
6   order: 01
7 }
8
9
10
```

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Nível 15: `order: -1`;

FLEXBOX FROGGY

Level 15 of 24


Use the `order` property to send the red frog to his lilypad.

```
1 #pond {
2   display: flex;
3 }
4
5 .red {
6   order: -1;
7 }
8
9
10
```

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Nível 16: Comando usando align-self: flex-end; (os itens são alinhados à parte superior do contêiner).

FLEXBOX FROGGY

◀ Level 16 of 24 ▶

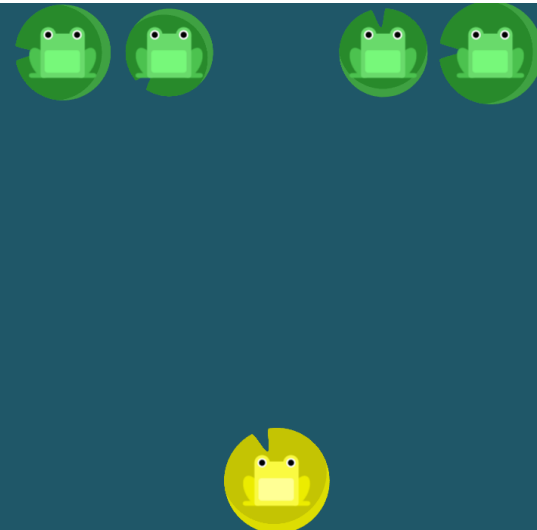
Another property you can apply to individual items is **align-self**. This property accepts the same values as **align-items** and its value for the specific item.

```
1 #pond {
2   display: flex;
3   align-items: flex-start;
4 }
5
6 .yellow {
7   align-self: flex-end;
8 }
9
10
```

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Nível 17: Comando usando order: 01; align-self: flex-end;

FLEXBOX FROGGY

◀ Level 17 of 24 ▶

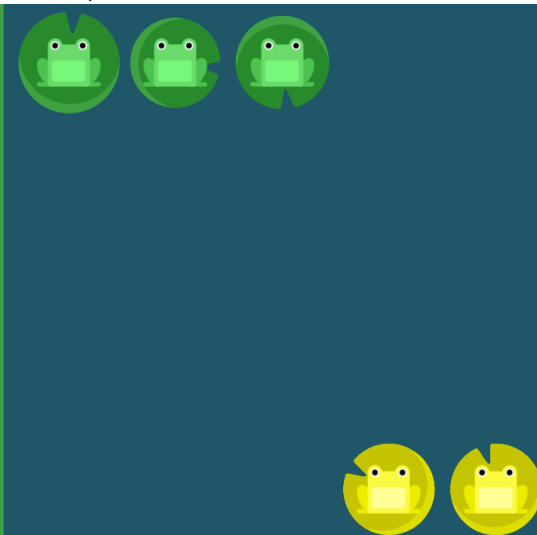
Combine **order** with **align-self** to help the frogs to their destinations.

```
1 #pond {
2   display: flex;
3   align-items: flex-start;
4 }
5
6 .yellow {
7   order: 01; align-self: flex-end;
8 }
9
10
```

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Nível 18: Comando usando flex-wrap: wrap; (os itens são agrupados em linhas adicionais).

FLEXBOX FROGGY

◀ Level 18 of 24 ▶

Oh no! The frogs are all squeezed onto a single row of lily pads. Spread them out using the **flex-wrap** property, which accepts the following values:

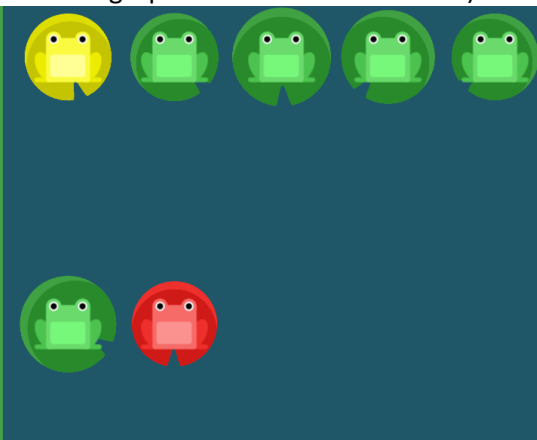
- **nowrap**: Every item is fit to a single line.
- **wrap**: Items wrap around to additional lines.
- **wrap-reverse**: Items wrap around to additional lines in reverse.

```
1 #pond {
2   display: flex;
3   flex-wrap: wrap;
4 }
5
6
7
8
9
10
```

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Nível 19: Comando usando flex-direction: column; flex-wrap: wrap; (Os itens são colocados de cima para baixo). (os itens são agrupados em linhas adicionais).

FLEXBOX FROGGY

Level 19 of 24

Help this army of frogs form three orderly columns using a combination of `flex-direction` and `flex-wrap`.

```

1 #pond {
2   display: flex;
3   flex-direction: column; flex-wrap: wrap;
4 }
5
6
7
8
9
10

```

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Nível 20: Comando usando `flex-direction: column`; `flex-wrap: wrap`; (Os itens são colocados de cima para baixo). (os itens são agrupados em linhas adicionais).

FLEXBOX FROGGY

Level 20 of 24

The two properties `flex-direction` and `flex-wrap` are used so often together that the shorthand property `flex-flow` was created to combine them. This shorthand property accepts the value of the two properties separated by a space.

For example, you can use `flex-flow: row wrap` to set rows and wrap them.

Try using `flex-flow` to repeat the previous level.

```

1 #pond {
2   display: flex;
3   flex-direction: column; flex-wrap: wrap;
4 }
5
6
7
8
9
10

```

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Nível 21: Comando usando `align-content: flex-start`; (As linhas são embaladas na parte superior do contêiner).

FLEXBOX FROGGY

Level 21 of 24

The frogs are spread all over the pond, but the lily pads are bunched at the top. You can use `align-content` to set how multiple lines are spaced apart from each other. This property takes the following values:

- `flex-start`: Lines are packed at the top of the container.
- `flex-end`: Lines are packed at the bottom of the container.
- `center`: Lines are packed at the vertical center of the container.
- `space-between`: Lines display with equal spacing between them.
- `space-around`: Lines display with equal spacing around them.
- `stretch`: Lines are stretched to fit the container.

This can be confusing, but `align-content` determines the spacing between lines, while `align-items` determines how the items as a whole are aligned within the container. When there is only one line, `align-content` has no effect.

```

1 #pond {
2   display: flex;
3   flex-wrap: wrap;
4   align-content: flex-start;
5 }
6
7
8
9
10

```

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Nível 22: Comando usando align-content: flex-end; (os itens são alinhados à parte superior do contêiner).

FLEXBOX FROGGY Level 22 of 24


Now the current has bunched the lily pads at the bottom. Use **align-content** to guide the frogs there.

```
1 #pond {
2   display: flex;
3   flex-wrap: wrap;
4   align-content: flex-end;
5 }
6
7
8
9
10
```

Next

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Nível 23: Comando usando flex-direction: column-reverse; align-content: center; (Os itens são colocados de baixo para cima). (As linhas são embaladas no centro vertical do contêiner).

FLEXBOX FROGGY Level 23 of 24


The frogs have had a party, but it is time to go home. Use a combination of **flex-direction** and **align-content** to get them to their lily pads.

```
1 #pond {
2   display: flex;
3   flex-wrap: wrap;
4   flex-direction: column-reverse; align-content: center;
5 }
6
7
8
9
10
```

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Nível 24: Comando usando justify-content: center;
flex-direction: column-reverse;
flex-wrap: wrap-reverse;
align-content: space-between;

FLEXBOX FROGGY

◀ Level 24 of 24 ▶

Bring the frogs home one last time by using the CSS properties you've learned:

- `justify-content`
- `align-items`
- `flex-direction`
- `order`
- `align-self`
- `flex-wrap`
- `flex-flow`
- `align-content`

```
1 #pond {  
2   display: flex;  
3   flex-direction: column-reverse;  
4   flex-wrap: wrap-reverse;  
5   align-content: space-between;  
6 }  
7  
8  
9  
10
```

Next

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