

# Converting Colors

Hex(6BC791)

Have a look what the booklet for  
Hex(6BC791) contains.

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**Color**

**Hex(6BC791)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6BC791
RGB	107, 199, 145
RGB Percent	42%, 78%, 57%
CMY	0.5804, 0.2196, 0.4314
CMYK	0.46, 0.00, 0.27, 0.22
HSL	145°, 45%, 60%
HSV	145°, 46%, 78%
XYZ	31.5977, 46.0170, 34.0049
YIQ	165.3360, -37.4980, -36.2980

# Conversions

## Conversions Part 2

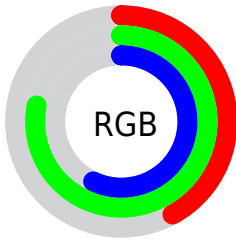
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">107, 172, 199</a>
Decimal	<a href="#">7063441</a>
CIELab	<a href="#">73.56, -39.65, 18.71</a>
CIELCh	<a href="#">74, 43.843, 154.731</a>
Yxy	<a href="#">46.0170, 0.2831, 0.4123</a>
Android (android.graphics.Color)	<a href="#">4285253521</a> ( <a href="#">0xFF6BC791</a> )
YUV	<a href="#">165.3360, -10.0256, -51.1607</a>
Hunter-Lab	<a href="#">67.8358, -35.5681, 17.7641</a>

# Details

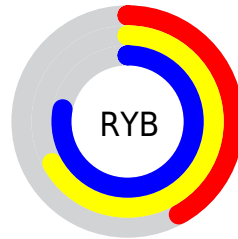
The Hex color **6BC791** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **C76BA1**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **A3FFC7**, and **32905E** is the 20% darker color. If you saturate the color by 10%, you get **57C785**, and if you desaturate by 10%, it is **7FC79D**.

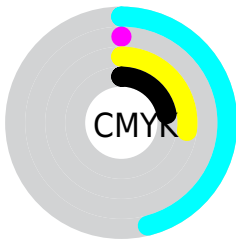
# Distribution



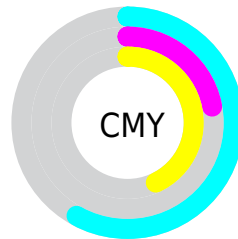
- Red (42%)
- Green (78%)
- Blue (57%)



- Red (42%)
- Yellow (67%)
- Blue (78%)



- Cyan (46%)
- Magenta (0%)
- Yellow (27%)
- Black (22%)



- Cyan (58%)
- Magenta (22%)
- Yellow (43%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6BC791 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 6BC791 by changing the saturation by 10% instead.



 6BC791

 6BC791

FFFFFF

 4FAB77

 A3FFC7

 32905E

 BFFFE3

 0C7646

 DCFFFF

 005D30

 FAFFFF

 00441A

 002D01

 001500

 000000

 6BC791

 6BC791

 57C785

 7FC79D

 43C77A

 93C7A8

 2FC76E

 A7C7B4

 1BC762

 BBC7C0

 08C757

 CFC7CB

 00C752

 E2C7D7

 F6C7E3

 FFC7EE

 FFC7FA

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



9EC071



6BC791



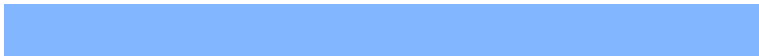
1ECABA

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



6BC791



82B7FF



FF9A89

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



6BC791



C76BA1

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FF94B0



6BC791



C1A8F7

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



6BC791



24C2FD



EC9AD8



EAA66D

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



6BC791



00C9D5



EC9AD8



FF9795

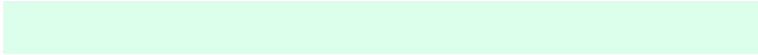


# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



6BC791



DBFFEA



A2C76B



6A8073



000000



808080



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



6BC791



73FFAD



6BC7BE



5A635E



00A343



00240F



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



C76BA1



FF73C5



C76B74



635A5F



A30060



240015



# Previews

## White Background



This preview shows how the Hex color 6BC791 looks on a white background.

## Color Contrast Check

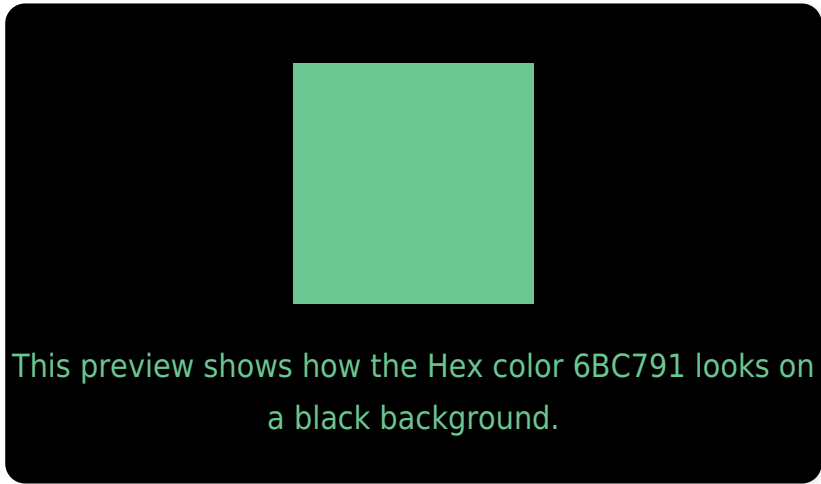
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 6BC791 Background



This preview shows how black text looks on a background with the Hex color 6BC791.

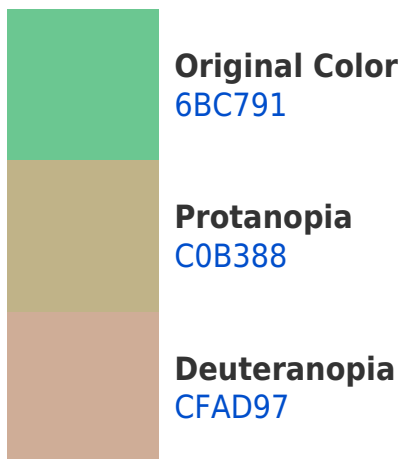


This preview shows how white text looks on a background with the Hex color 6BC791.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



**Original Color**  
6BC791



**Protanomaly**  
A1BA8B



**Deuteranomaly**  
ABB695



**Tritanomaly**  
75C2B8

# Monochromacy



**Original Color**  
6BC791



**Achromatopsia**  
A5A5A5



**Achromatomaly**  
90B19E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6BC791 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #6BC791 looks like.

```
.text, #text, p{  
    color:#6BC791  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #6BC791 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6BC791
}
```

## Border

The CSS property to change the border of an element to Hex 6BC791 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6BC791 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#6BC791 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #6BC791 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6BC791; -webkit-box-shadow:4px 4px  
4px 4px #6BC791; box-shadow:4px 4px 4px  
4px #6BC791 }
```

# Background

The CSS property to change the background color of an element to Hex 6BC791 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6BC791 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#6BC791 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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