

# Converting Colors

Hex(60BFC5)

Have a look what the booklet for  
Hex(60BFC5) contains.

<b>Hex(60BFC5)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(60BFC5)**

# Conversions

## Conversions Part 1

Format	Color
Hex	60BFC5
RGB	96, 191, 197
RGB Percent	38%, 75%, 77%
CMY	0.6235, 0.2510, 0.2275
CMYK	0.51, 0.03, 0.00, 0.23
HSL	184°, 47%, 57%
HSV	184°, 51%, 77%
XYZ	33.5327, 43.7796, 59.5063
YIQ	163.2790, -58.5460, -18.2740

# Conversions

## Conversions Part 2

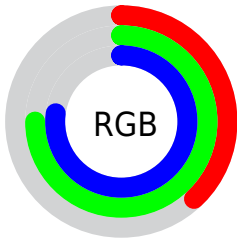
Format	Color
<a href="#">RYB</a>	<a href="#">96, 145, 197</a>
Decimal	<a href="#">6340549</a>
CIELab	<a href="#">72.08, -26.36, -11.65</a>
CIELCh	<a href="#">72, 28.818, 203.853</a>
Yxy	<a href="#">43.7796, 0.2451, 0.3200</a>
Android (android.graphics.Color)	<a href="#">4284530629</a> ( <a href="#">0xFF60BFC5</a> )
YUV	<a href="#">163.2790, 16.6245, -59.0037</a>
Hunter-Lab	<a href="#">66.1662, -25.3278, -7.0059</a>

# Details

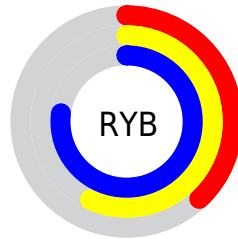
The Hex color **60BFC5** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **C56660**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **9AF8FE**, and **1E898F** is the 20% darker color. If you saturate the color by 10%, you get **4CBEC5**, and if you desaturate by 10%, it is **74C0C5**.

# Distribution



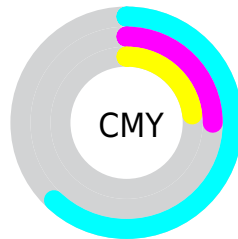
- Red (38%)
- Green (75%)
- Blue (77%)



- Red (38%)
- Yellow (57%)
- Blue (77%)



- Cyan (51%)
- Magenta (3%)
- Yellow (0%)
- Black (23%)



- Cyan (62%)
- Magenta (25%)
- Yellow (23%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 60BFC5 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 60BFC5 by changing the saturation by 10% instead.



60BFC5

60BFC5

FFFFFF

42A4AA

9AF8FE

1E898F

B7FFFF

007076

D4FFFF

00575D

F2FFFF

003F45

00292F

000F1B

000000

60BFC5

60BFC5

 4CBEC5

 74C0C5

 39BDC5

 87C1C5

 25BBC5

 9BC3C5

 11BAC5

 AFC4C5

 00B9C5

 C3C5C5

 D6C6C5

 EAC7C5

 FEC8C5

 FFCAC5

# Harmonies

## Analogous

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



72BFAA



60BFC5



68BCDA

# Triad

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



60BFC5



CDA3D0



C9AD7D

# Complementary

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



60BFC5



C56660

# 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.



DDA487



60BFC5



E19EB7

# Square

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



60BFC5



ADACE1



E69E9D



AEB680

# Rectangle

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



60BFC5



7BB7E3



E69E9D



D0AA7F



# Sweetspot

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



60BFC5



D9FDFD



60C565



697E80



000000



808080



# Same Dimension

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



60BFC5



61F6FF



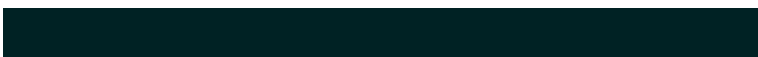
608DC5



5A6363



009AA3



002224



# Inverse Universe

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



C560BF



FF61F6



C59860



635A63



A3009A

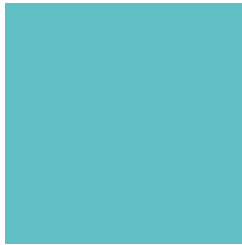


240022



# Previews

## White Background



This preview shows how the Hex color 60BFC5 looks on a white background.

## Color Contrast Check

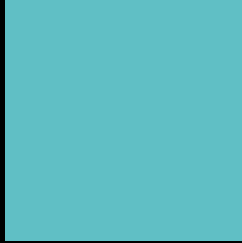
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color 60BFC5 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

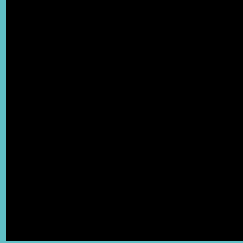
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 60BFC5 Background



This preview shows how black text looks on a background with the Hex color 60BFC5.

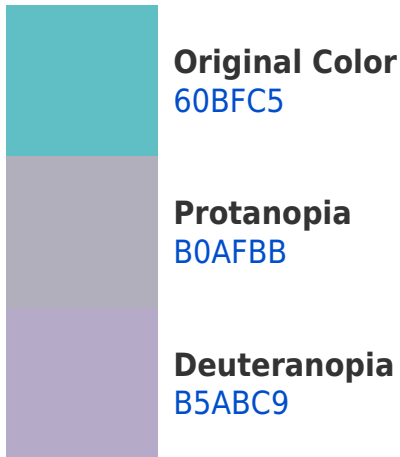


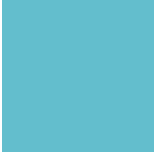
This preview shows how white text looks on a background with the Hex color 60BFC5.

# 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](#).

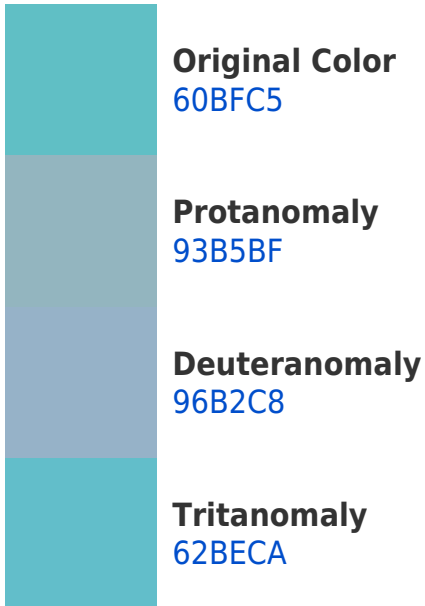
## Dichromacy



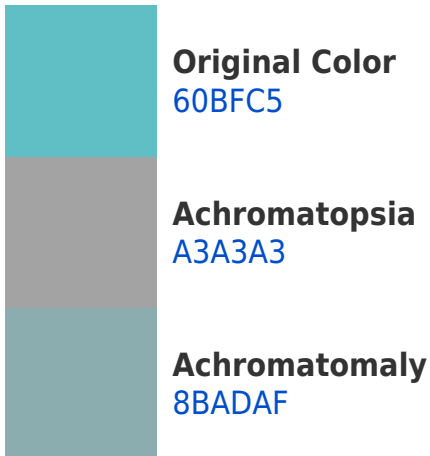


**Tritanopia**  
63BECD

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 60BFC5 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 #60BFC5 looks like.

```
.text, #text, p{  
    color:#60BFC5  
}
```

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 #60BFC5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #60BFC5
}
```

## Border

The CSS property to change the border of an element to Hex 60BFC5 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
#60BFC5 }
```

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

```
.border{ border-color:#60BFC5 }
```

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

Here you see how a box with a 4 pixel #60BFC5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #60BFC5; -webkit-box-shadow:4px 4px  
4px 4px #60BFC5; box-shadow:4px 4px 4px  
4px #60BFC5 }
```

# Background

The CSS property to change the background color of an element to Hex 60BFC5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#60BFC5 }
```

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

```
.background{ background-color:#60BFC5 }
```

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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