

# Converting Colors

Hex(6FC0A0)

Have a look what the booklet for  
Hex(6FC0A0) contains.

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# **Color**

**Hex(6FC0A0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6FC0A0
RGB	111, 192, 160
RGB Percent	44%, 75%, 63%
CMY	0.5647, 0.2471, 0.3725
CMYK	0.42, 0.00, 0.17, 0.25
HSL	156°, 39%, 59%
HSV	156°, 42%, 75%
XYZ	31.7503, 43.6168, 40.0032
YIQ	164.1330, -38.0040, -27.1240

# Conversions

## Conversions Part 2

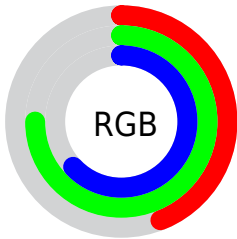
<b>Format</b>	<b>Color</b>
<b>RYB</b>	111, 161, 192
Decimal	7323808
CIELab	71.97, -32.26, 8.43
CIELCh	72, 33.343, 165.352
Yxy	43.6168, 0.2752, 0.3781
Android (android.graphics.Color)	4285513888 (0xFF6FC0A0)
YUV	164.1330, -2.0376, -46.5976
Hunter-Lab	66.0431, -29.7611, 10.3174

# Details

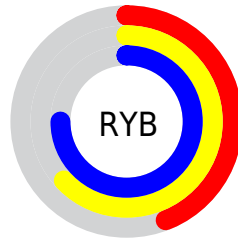
The Hex color **6FC0A0** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **C06F8F**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **A6F9D7**, and **388A6D** is the 20% darker color. If you saturate the color by 10%, you get **5CC098**, and if you desaturate by 10%, it is **82C0A8**.

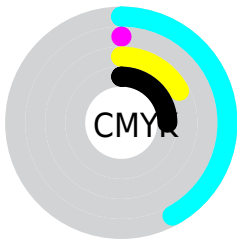
# Distribution



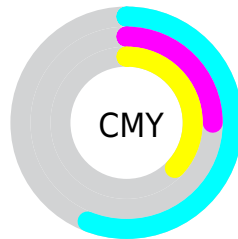
- Red (44%)
- Green (75%)
- Blue (63%)



- Red (44%)
- Yellow (63%)
- Blue (75%)



- Cyan (42%)
- Magenta (0%)
- Yellow (17%)
- Black (25%)



- Cyan (56%)
- Magenta (25%)
- Yellow (37%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6FC0A0 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 6FC0A0 by changing the saturation by 10% instead.



 6FC0A0

 6FC0A0

FFFFFF

 54A586

 A6F9D7

 388A6D

 C2FFF3

 1A7054

 DFFFFF

 00573D

FDFFFF

 003F27

 002913

 000D00

 000000

 6FC0A0

 6FC0A0

 5CC098

 82C0A8

 49C091

 95C0AF

 35C089

 A9C0B7

 22C082

 BCC0BE

 0FC07A

 CFC0C6

 00C074

 E2C0CE

 F5C0D5

 FFC0DD

 FFC0E4

# Harmonies

## Analogous

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



93BB85



6FC0A0



4FC1BF

# Triad

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



6FC0A0



9FAEEB



E7A086

# Complementary

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



6FC0A0



C06F8F

# 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.



ED9AA2



6FC0A0



C8A3DB

# Square

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



6FC0A0



70B8EB



E39BC1



D3A976

# Rectangle

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



6FC0A0



48C0D3



E39BC1



EA9D8F

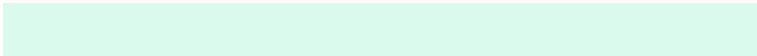


# Sweetspot

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



6FC0A0



D9FAED



8FC06F



697D75



FCFCFC



7D7D7D



# Same Dimension

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



6FC0A0



7AFAC8



6FB8C0



57615D



00A161



002114



# Inverse Universe

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



C06F8F



FA7AAD



C0776F



61575B



A1003F

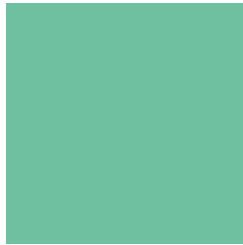


21000D



# Previews

## White Background



This preview shows how the Hex color 6FC0A0 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 6FC0A0 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

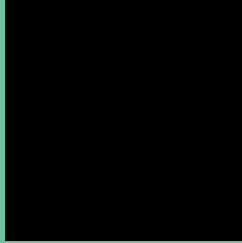
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 6FC0A0 Background



This preview shows how black text looks on a background with the Hex color 6FC0A0.

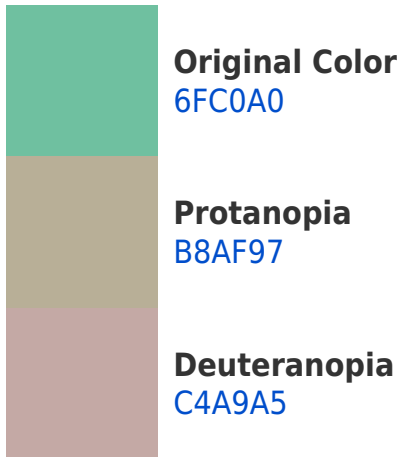


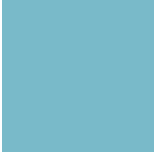
This preview shows how white text looks on a background with the Hex color 6FC0A0.

# 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](#).

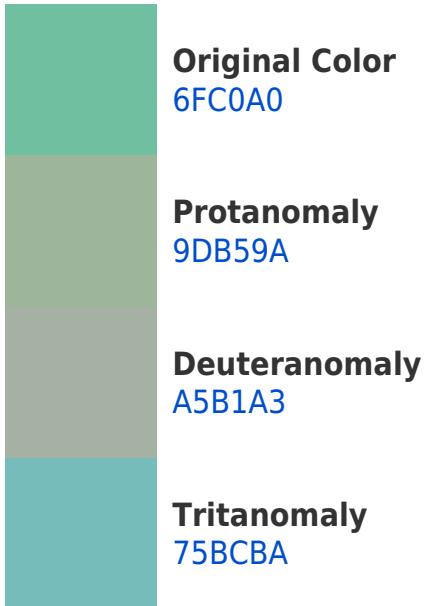
## Dichromacy



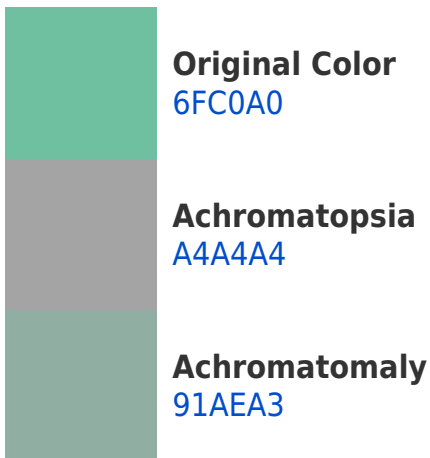


**Tritanopia**  
79BAC9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6FC0A0 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 #6FC0A0 looks like.

```
.text, #text, p{  
    color:#6FC0A0  
}
```

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 #6FC0A0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6FC0A0
}
```

## Border

The CSS property to change the border of an element to Hex 6FC0A0 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
#6FC0A0 }
```

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

```
.border{ border-color:#6FC0A0 }
```

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

Here you see how a box with a 4 pixel #6FC0A0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6FC0A0; -webkit-box-shadow:4px 4px  
4px 4px #6FC0A0; box-shadow:4px 4px 4px  
4px #6FC0A0 }
```

# Background

The CSS property to change the background color of an element to Hex 6FC0A0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6FC0A0 }
```

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

```
.background{ background-color:#6FC0A0 }
```

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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