

# Converting Colors

Hex(67D0B0)

Have a look what the booklet for  
Hex(67D0B0) contains.

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**Color**

**Hex(67D0B0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	67D0B0
RGB	103, 208, 176
RGB Percent	40%, 82%, 69%
CMY	0.5961, 0.1843, 0.3098
CMYK	0.50, 0.00, 0.15, 0.18
HSL	162°, 53%, 61%
HSV	162°, 50%, 82%
XYZ	35.9859, 51.1299, 49.0467
YIQ	172.9570, -52.3080, -32.2120

# Conversions

## Conversions Part 2

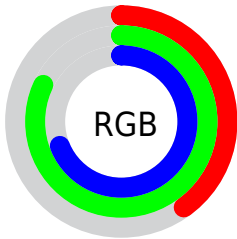
Format	Color
<a href="#">RYB</a>	<a href="#">103, 165, 208</a>
Decimal	<a href="#">6803632</a>
CIELab	<a href="#">76.76, -38.10, 6.61</a>
CIELCh	<a href="#">77, 38.671, 170.153</a>
Yxy	<a href="#">51.1299, 0.2643, 0.3755</a>
Android (android.graphics.Color)	<a href="#">4284993712 (0xFF67D0B0)</a>
YUV	<a href="#">172.9570, 1.5002, -61.3523</a>
Hunter-Lab	<a href="#">71.5052, -35.3017, 9.3855</a>

# Details

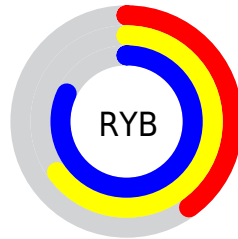
The Hex color **67D0B0** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **D06787**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **A0FFE8**, and **29997C** is the 20% darker color. If you saturate the color by 10%, you get **52D0AA**, and if you desaturate by 10%, it is **7CD0B6**.

# Distribution



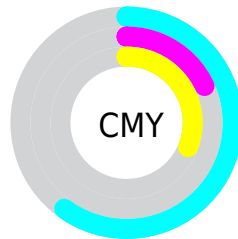
- Red (40%)
- Green (82%)
- Blue (69%)



- Red (40%)
- Yellow (65%)
- Blue (82%)



- Cyan (50%)
- Magenta (0%)
- Yellow (15%)
- Black (18%)



- Cyan (60%)
- Magenta (18%)
- Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 67D0B0 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 67D0B0 by changing the saturation by 10% instead.



 67D0B0

 67D0B0

FFFFFF

 4AB495

 A0FFE8

 29997C

 BDFFFF

 007F63

 DBFFFF

 00654B

 F8FFFF

 004C34

 00341F

 002007

 000000

 67D0B0

 67D0B0

 52D0AA

 7CD0B6

 3DD0A3

 91D0BD

 29D09D

 A5D0C3

 14D097

 BAD0C9

 00D091

 CFD0D0

 E4D0D6

 F9D0DC

 FFD0E3

 FFD0E9

# Harmonies

## Analogous

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



94CB8E



67D0B0



3CD1D5

# Triad

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



67D0B0



B1B9FF



F9AB88

# Complementary

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



67D0B0



D06787

# 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.



FFA3A7



67D0B0



DFACEC

# Square

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



67D0B0



77C4FF



FCA3CB



E0B777

# Rectangle

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



67D0B0



35CFEA



FCA3CB



FFA891

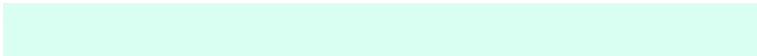


# Sweetspot

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



67D0B0



D9FFF3



88D067



698079



000000



808080



# Same Dimension

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



67D0B0



63FFD0



67BDD0



5E6965



00A875



00291C



# Inverse Universe

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



D06787



FF6393



D07A67



695E61



A80033

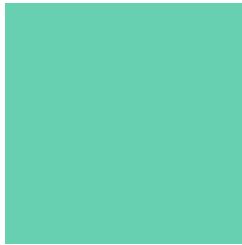


29000C



# Previews

## White Background



This preview shows how the Hex color 67D0B0 looks on a white background.

## Color Contrast Check

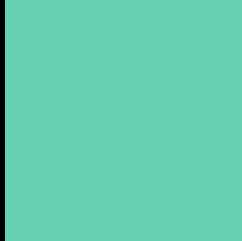
Large Text (above 18pt) WCAG AA × Fail

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 67D0B0 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

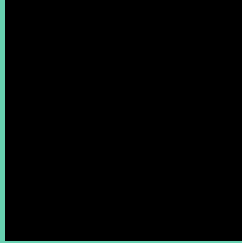
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 67D0B0 Background



This preview shows how black text looks on a background with the Hex color 67D0B0.

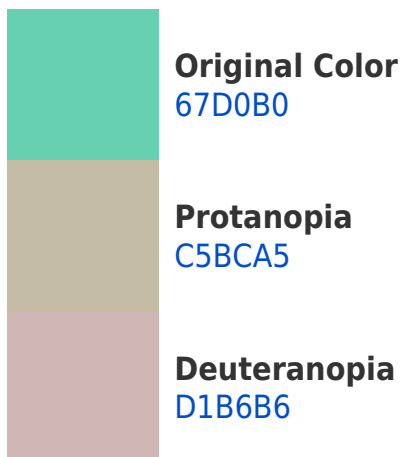


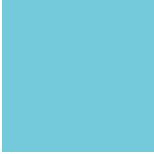
This preview shows how white text looks on a background with the Hex color 67D0B0.

# 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**  
74CADA

# Trichromacy



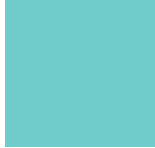
**Original Color**  
67D0B0



**Protanomaly**  
A3C3A9



**Deuteranomaly**  
AABFB4

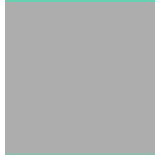


**Tritanomaly**  
6FCCCB

# Monochromacy



**Original Color**  
67D0B0



**Achromatopsia**  
ADADAD



**Achromatomaly**  
94BAAE

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 67D0B0 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 #67D0B0 looks like.

```
.text, #text, p{  
    color:#67D0B0  
}
```

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 #67D0B0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #67D0B0
}
```

## Border

The CSS property to change the border of an element to Hex 67D0B0 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
#67D0B0 }
```

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

```
.border{ border-color:#67D0B0 }
```

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

Here you see how a box with a 4 pixel #67D0B0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #67D0B0; -webkit-box-shadow:4px 4px  
4px 4px #67D0B0; box-shadow:4px 4px 4px  
4px #67D0B0 }
```

# Background

The CSS property to change the background color of an element to Hex 67D0B0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#67D0B0 }
```

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

```
.background{ background-color:#67D0B0 }
```

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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