

# Converting Colors

Hex(67D5B5)

Have a look what the booklet for  
Hex(67D5B5) contains.

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**Color**

**Hex(67D5B5)**

# Conversions

## Conversions Part 1

Format	Color
Hex	67D5B5
RGB	103, 213, 181
RGB Percent	40%, 84%, 71%
CMY	0.5961, 0.1647, 0.2902
CMYK	0.52, 0.00, 0.15, 0.16
HSL	163°, 57%, 62%
HSV	163°, 52%, 84%
XYZ	37.7283, 53.8083, 52.1136
YIQ	176.4620, -55.2880, -33.2720

# Conversions

## Conversions Part 2

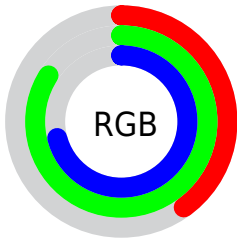
Format	Color
<a href="#">RYB</a>	<a href="#">103, 167, 213</a>
Decimal	<a href="#">6804917</a>
CIELab	<a href="#">78.35, -39.22, 6.23</a>
CIELCh	<a href="#">78, 39.709, 170.977</a>
Yxy	<a href="#">53.8083, 0.2626, 0.3746</a>
Android (android.graphics.Color)	<a href="#">4284994997</a> ( <a href="#">0xFF67D5B5</a> )
YUV	<a href="#">176.4620, 2.2372, -64.4262</a>
Hunter-Lab	<a href="#">73.3541, -36.5617, 9.2260</a>

# Details

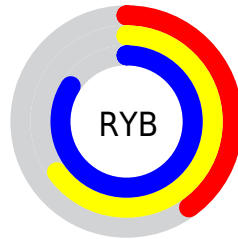
The Hex color **67D5B5** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **D56787**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **A1FFED**, and **279E80** is the 20% darker color. If you saturate the color by 10%, you get **52D5AF**, and if you desaturate by 10%, it is **7CD5BB**.

# Distribution



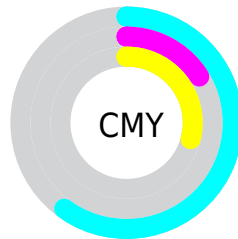
- Red (40%)
- Green (84%)
- Blue (71%)



- Red (40%)
- Yellow (65%)
- Blue (84%)



- Cyan (52%)
- Magenta (0%)
- Yellow (15%)
- Black (16%)



- Cyan (60%)
- Magenta (16%)
- Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 67D5B5 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 67D5B5 by changing the saturation by 10% instead.



 67D5B5

 67D5B5

FFFFFF

 49B99A


 A1FFED

 279E80

 BEFFFF

 008367

 DBFFFF

 00694F

 F9FFFF

 005038

 003823

 00240D

 000000

 67D5B5

 67D5B5

 52D5AF

 7CD5BB

 3CD5A9

 92D5C1

 27D5A2

 A7D5C8

 12D59C

 BCD5CE

 00D597

 D2D5D4

 E7D5DA

 FCD5E0

 FFD5E7

 FFD5ED

# Harmonies

## Analogous

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



96D092



67D5B5



39D5DB

# Triad

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



67D5B5



B6BCFF



FFAF8A

# Complementary

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



67D5B5



D56787

# 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.



FFA7A9



67D5B5



E6AFF1

# Square

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



67D5B5



7BC9FF



FFA6CF



E5BC79

# Rectangle

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



67D5B5



34D3F1



FFA6CF



FFAC93

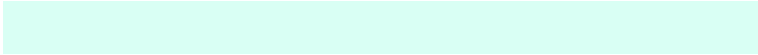


# Sweetspot

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



67D5B5



D9FFF4



88D567



698079



000000



808080



# Same Dimension

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



67D5B5



61FFD1



67BFD5



606B68



00AB79



002B1F



# Inverse Universe

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



D56787



FF618F



D57D67



6B6064



AB0032



2B000D



# Previews

## White Background



This preview shows how the Hex color 67D5B5 looks on a white background.

## Color Contrast Check

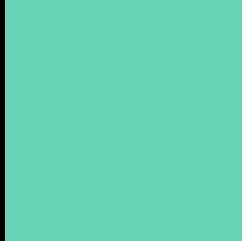
Large Text (above 18pt) WCAG AA × Fail

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 67D5B5 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

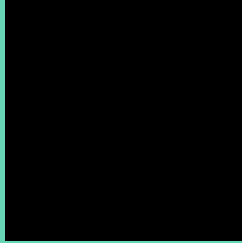
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

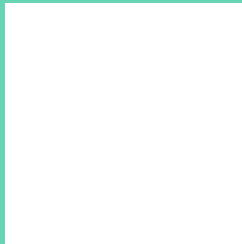
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 67D5B5 Background



This preview shows how black text looks on a background with the Hex color 67D5B5.

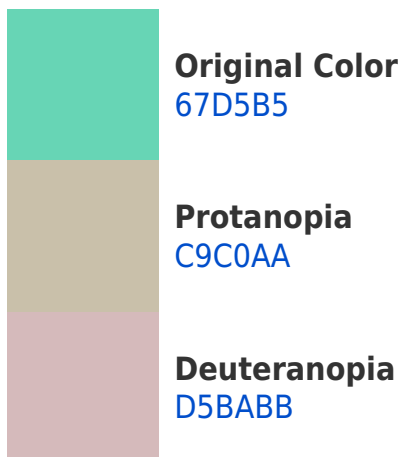


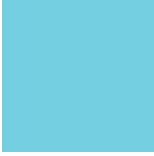
This preview shows how white text looks on a background with the Hex color 67D5B5.

# 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](#).

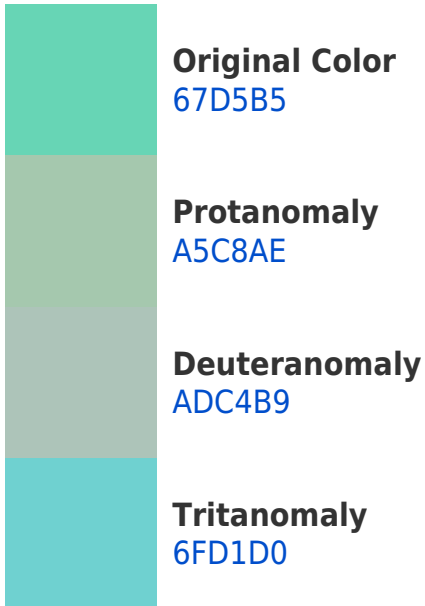
## Dichromacy





**Tritanopia**  
74CFE0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 67D5B5 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 #67D5B5 looks like.

```
.text, #text, p{  
    color:#67D5B5  
}
```

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 #67D5B5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #67D5B5
}
```

## Border

The CSS property to change the border of an element to Hex 67D5B5 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
#67D5B5 }
```

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

```
.border{ border-color:#67D5B5 }
```

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

Here you see how a box with a 4 pixel #67D5B5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #67D5B5; -webkit-box-shadow:4px 4px  
4px 4px #67D5B5; box-shadow:4px 4px 4px  
4px #67D5B5 }
```

# Background

The CSS property to change the background color of an element to Hex 67D5B5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#67D5B5 }
```

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

```
.background{ background-color:#67D5B5 }
```

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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