

# Converting Colors

Hex(66CCCC)

Have a look what the booklet for  
Hex(66CCC8) contains.

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# **Color**

**Hex(66CCC8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	66CCC8
RGB	102, 204, 200
RGB Percent	40%, 80%, 78%
CMY	0.6000, 0.2000, 0.2157
CMYK	0.50, 0.00, 0.02, 0.20
HSL	178°, 50%, 60%
HSV	178°, 50%, 80%
XYZ	37.4977, 50.1806, 62.3531
YIQ	173.0460, -59.5080, -22.8680

# Conversions

## Conversions Part 2

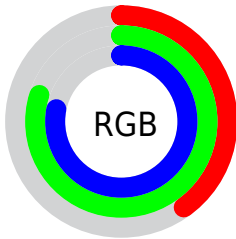
<b>Format</b>	<b>Color</b>
<b>RYB</b>	102, 154, 204
Decimal	6737096
CIELab	76.18, -30.62, -7.15
CIELCh	76, 31.440, 193.152
Yxy	50.1806, 0.2499, 0.3345
Android (android.graphics.Color)	4284927176 (0xFF66CCC8)
YUV	173.0460, 13.2883, -62.3073
Hunter-Lab	70.8383, -29.4795, -2.6013

# Details

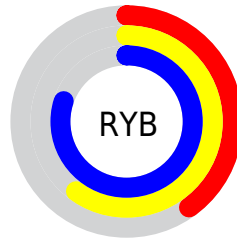
The Hex color **66CCC8** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **CC666A**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **A0FFFF**, and **259592** is the 20% darker color. If you saturate the color by 10%, you get **52CCC7**, and if you desaturate by 10%, it is **7ACCC9**.

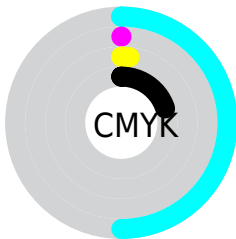
# Distribution



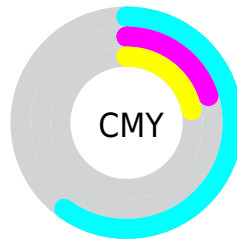
- Red (40%)
- Green (80%)
- Blue (78%)



- Red (40%)
- Yellow (60%)
- Blue (80%)



- Cyan (50%)
- Magenta (0%)
- Yellow (2%)
- Black (20%)



- Cyan (60%)
- Magenta (20%)
- Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 66CCC8 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 66CCC8 by changing the saturation by 10% instead.



 66CCC8

 66CCC8

FFFFFF

 48B0AD

 A0FFFF

 259592

 BDFFFF

 007B78

 DBFFFF

 006260

 F9FFFF

 004A48

 003232

 001F1D

 000001

 000000

■ 66CCC8

■ 66CCC8

■ 52CCC7

■ 7ACCC9

■ 3DCCC6

■ 8FCCCA

■ 29CCC6

■ A3CCCA

■ 14CCC5

■ B8CCCB

■ 00CCC4

■ CCCCCC

■ E0CCCD

■ F5CCCE

■ FFCCCE

■ FFCCCF

# Harmonies

## Analogous

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



81CBAA



66CCC8



62CAE3

# Triad

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



66CCC8



D0B0E6



DFB485

# Complementary

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



66CCC8



CC666A

# 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.



F1AB95



66CCC8



EBA8CD

# Square

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



66CCC8



A9BAF4



F6A6B0



C4BE83

# Rectangle

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



66CCC8



73C6EF



F6A6B0



E6B189



# Sweetspot

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



66CCC8



D9FFFE



6BCC66



69807F



000000



808080



# Same Dimension

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



66CCC8



66FFF9



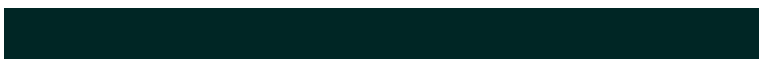
669ECC



5C6666



00A69F



002625



# Inverse Universe

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



CC666A



FF666C



CC9466



665C5C



A60007

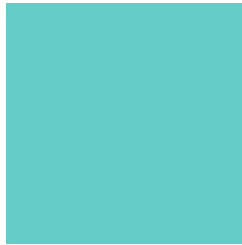


260002



# Previews

## White Background



This preview shows how the Hex color 66CCC8 looks on a white background.

## Color Contrast Check

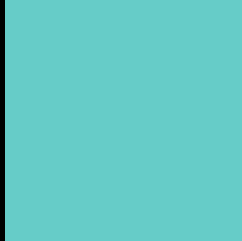
Large Text (above 18pt) WCAG AA × Fail

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 66CCC8 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

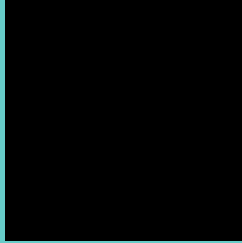
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

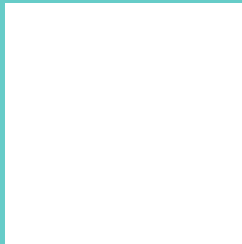
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 66CCC8 Background



This preview shows how black text looks on a background with the Hex color 66CCC8.

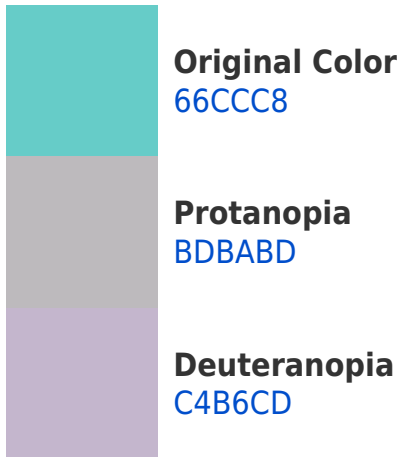


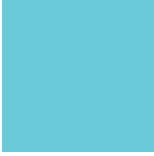
This preview shows how white text looks on a background with the Hex color 66CCC8.

# 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**  
6CC9DA

# Trichromacy



**Original Color**  
66CCC8



**Protanomaly**  
9DC1C1



**Deuteranomaly**  
A2BECB

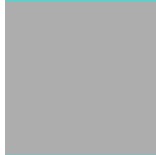


**Tritanomaly**  
6ACAD3

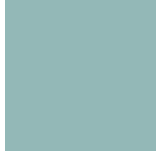
# Monochromacy



**Original Color**  
66CCC8



**Achromatopsia**  
ADADAD



**Achromatomaly**  
93B8B7

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 66CCC8 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 #66CCC8 looks like.

```
.text, #text, p{  
    color:#66CCC8  
}
```

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 #66CCC8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #66CCC8 }  
}
```

## Border

The CSS property to change the border of an element to Hex 66CCC8 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 #66CCC8 }  
}
```

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

```
.border{ border-color:#66CCC8 }
```

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

Here you see how a box with a 4 pixel #66CCC8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #66CCC8; -webkit-box-shadow:4px 4px  
4px 4px #66CCC8; box-shadow:4px 4px 4px  
4px #66CCC8 }
```

# Background

The CSS property to change the background color of an element to Hex 66CCC8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#66CCC8 }
```

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

```
.background{ background-color:#66CCC8 }
```

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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