

Converting Colors

Hex(66CCA8)

Have a look what the booklet for
Hex(66CCA8) contains.

Hex(66CCA8)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(66CCA8)

Conversions

Conversions Part 1

Format	Color
Hex	66CCA8
RGB	102, 204, 168
RGB Percent	40%, 80%, 66%
CMY	0.6000, 0.2000, 0.3412
CMYK	0.50, 0.00, 0.18, 0.20
HSL	159°, 50%, 60%
HSV	159°, 50%, 80%
XYZ	34.1402, 48.8377, 44.6730
YIQ	169.3980, -49.2360, -32.8200

Conversions

Conversions Part 2

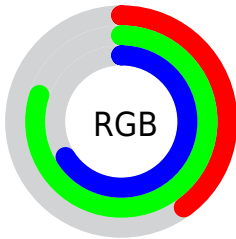
Format	Color
RYB	102, 164, 204
Decimal	6737064
CIELab	75.35, -38.33, 8.89
CIElCh	75, 39.344, 166.946
Yxy	48.8377, 0.2674, 0.3826
Android (android.graphics.Color)	4284927144 (0xFF66CCA8)
YUV	169.3980, -0.6892, -59.1080
Hunter-Lab	69.8840, -35.0947, 11.0179

Details

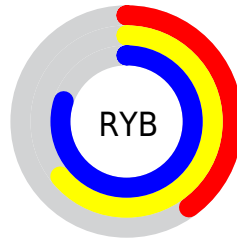
The Hex color **66CCA8** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **CC668A**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **9FFFDF**, and **299574** is the 20% darker color. If you saturate the color by 10%, you get **52CCA1**, and if you desaturate by 10%, it is **7ACCAF**.

Distribution



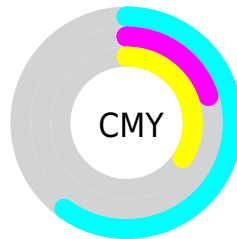
- Red (40%)
- Green (80%)
- Blue (66%)



- Red (40%)
- Yellow (64%)
- Blue (80%)



- Cyan (50%)
- Magenta (0%)
- Yellow (18%)
- Black (20%)



- Cyan (60%)
- Magenta (20%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Hex color 66CCA8 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 66CCA8 by changing the saturation by 10% instead.



66CCA8



66CCA8

FFFFFF



49B08E



9FFFDf



299574



BCFFFC



007B5B



D9FFFF



006144



F7FFFF



00492E



003119



001B00



000000



66CCA8



66CCA8

 52CCA1

 7ACCAF

 3DCC9A

 8FCCB6

 29CC92

 A3CCBE

 14CC8B

 B8CCC5

 00CC84

 CCCCCC

 E0CCD3

 F5CCDA

 FFCCE2

 FFCCE9

Harmonies

Analogous

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



94C787



66CCA8



34CD CD

Triad

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



66CCA8



A7B6FF



F8A686

Complementary

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



66CCA8



CC668A

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.



FF9EA6



66CCA8



D7A9EB

Square

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



66CCA8



6AC2FF



F69FCB



E0B273

Rectangle

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



66CCA8



24CBE4



F69FCB



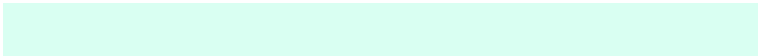
FDA290

Sweetspot

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



66CCA8



D9FFF2



8BCC66



698077



000000



808080

Same Dimension

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



66CCA8



66FFC9



66BECC



5C6662



00A66B



002619

Inverse Universe

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



CC668A



FF669C



CC7466



665C5F



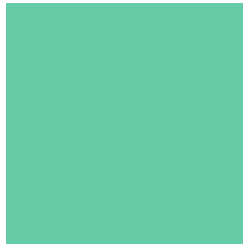
A6003B



26000E

Previews

White Background



This preview shows how the Hex color 66CCA8 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 66CCA8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

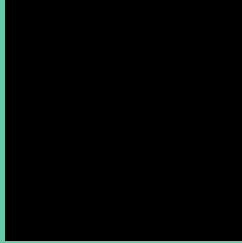
Any Text WCAG AA ✓ Pass

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 66CCA8 Background



This preview shows how black text looks on a background with the Hex color 66CCA8.

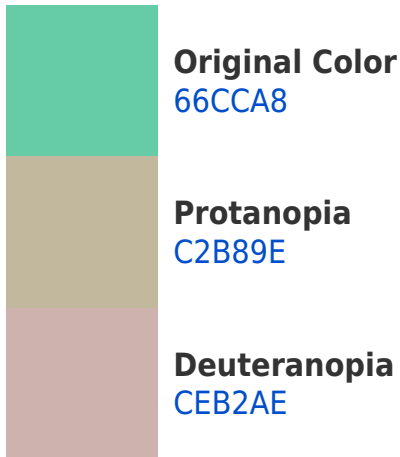


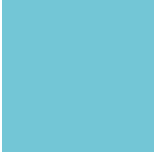
This preview shows how white text looks on a background with the Hex color 66CCA8.

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
73C6D6

Trichromacy



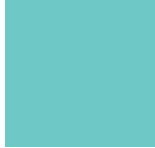
Original Color
66CCA8



Protanomaly
A1BFA2



Deuteranomaly
A8BBAC

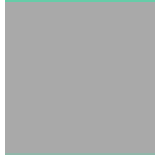


Tritanomaly
6EC8C5

Monochromacy



Original Color
66CCA8



Achromatopsia
A9A9A9



Achromatomaly
91B6A9

CSS Examples

Text

The CSS property to change the color of the text to Hex 66CCA8 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 #66CCA8 looks like.

```
.text, #text, p{  
    color:#66CCA8  
}
```

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 #66CCA8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #66CCA8
}
```

Border

The CSS property to change the border of an element to Hex 66CCA8 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
#66CCA8 }
```

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

```
.border{ border-color:#66CCA8 }
```

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

Here you see how a box with a 4 pixel #66CCA8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #66CCA8; -webkit-box-shadow:4px 4px  
4px 4px #66CCA8; box-shadow:4px 4px 4px  
4px #66CCA8 }
```

Background

The CSS property to change the background color of an element to Hex 66CCA8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#66CCA8 }
```

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

```
.background{ background-color:#66CCA8 }
```

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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