

Converting Colors

Hex(66CCB9)

Have a look what the booklet for
Hex(66CCB9) contains.

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Color

Hex(66CCB9)

Conversions

Conversions Part 1

Format	Color
Hex	66CCB9
RGB	102, 204, 185
RGB Percent	40%, 80%, 73%
CMY	0.6000, 0.2000, 0.2745
CMYK	0.50, 0.00, 0.09, 0.20
HSL	169°, 50%, 60%
HSV	169°, 50%, 80%
XYZ	35.8293, 49.5133, 53.5676
YIQ	171.3360, -54.6930, -27.5330

Conversions

Conversions Part 2

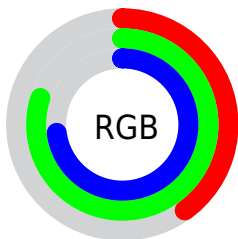
Format	Color
RYB	102, 158, 204
Decimal	6737081
CIELab	75.77, -34.37, 0.34
CIELCh	76, 34.369, 179.438
Yxy	49.5133, 0.2579, 0.3564
Android (android.graphics.Color)	4284927161 (0xFF66CCB9)
YUV	171.3360, 6.7364, -60.8077
Hunter-Lab	70.3657, -32.2500, 4.1200

Details

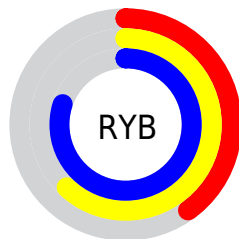
The Hex color **66CCB9** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **CC6679**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **9FFFF1**, and **289584** is the 20% darker color. If you saturate the color by 10%, you get **52CCB5**, and if you desaturate by 10%, it is **7ACCBD**.

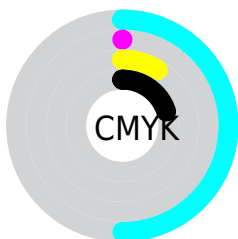
Distribution



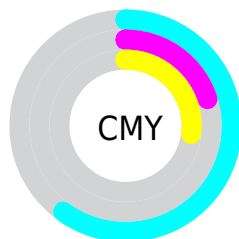
- Red (40%)
- Green (80%)
- Blue (73%)



- Red (40%)
- Yellow (62%)
- Blue (80%)



- Cyan (50%)
- Magenta (0%)
- Yellow (9%)
- Black (20%)



- Cyan (60%)
- Magenta (20%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color 66CCB9 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 66CCB9 by changing the saturation by 10% instead.

 66CCB9

 66CCB9

FFFFFF

 49B09E

 9FFFFF1

 289584

 BCFFFF

 007B6B

 DAFFFF

 006253

 F7FFFF

 00493C

 003226

 001D11

 000000

 66CCB9

 66CCB9

52CCB5

7ACCB0

3DCCB1

8FCCC1

29CCAE

A3CCC4

14CCAA

B8CCC8

00CCA6

CCCCC

E0CCD0

F5CCD4

FFCCD7

FFCCDB

Harmonies

Analogous

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



8BC99A



66CCB9



4FCBD9

Triad

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



66CCB9



BEB3F2



EBAE85

Complementary

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



66CCB9



CC6679

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.



F9A59D



66CCB9



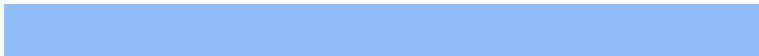
E3A8DB

Square

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



66CCB9



8FBEFA



F7A3BD



D1B97B

Rectangle

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



66CCB9



57C9EA



F7A3BD



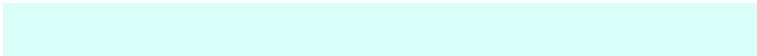
F1AA8C

Sweetspot

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



66CCB9



D9FFF8



7ACC66



69807B



000000



808080

Same Dimension

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



66CCB9



66FFE2



66ADCC



5C6664



00A687



00261F

Inverse Universe

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



CC6679



FF6683



CC8566



665C5E



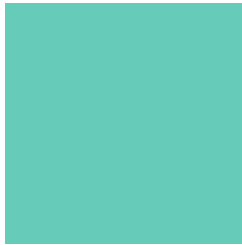
A6001F



260007

Previews

White Background



This preview shows how the Hex color 66CCB9 looks on a white background.

Color Contrast Check

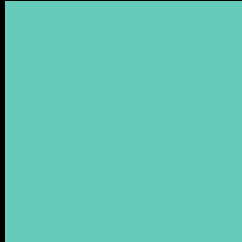
Large Text (above 18pt) WCAG AA × Fail

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 66CCB9 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

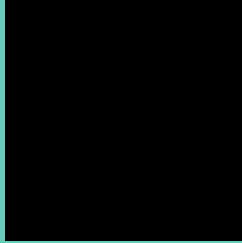
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

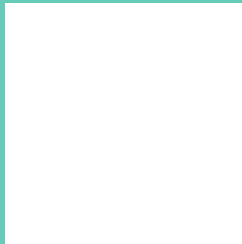
Any Text WCAG AAA ✓ Pass

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

Hex 66CCB9 Background



This preview shows how black text looks on a background with the Hex color 66CCB9.



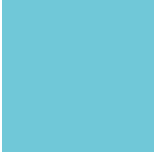
This preview shows how white text looks on a background with the Hex color 66CCB9.

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](#).

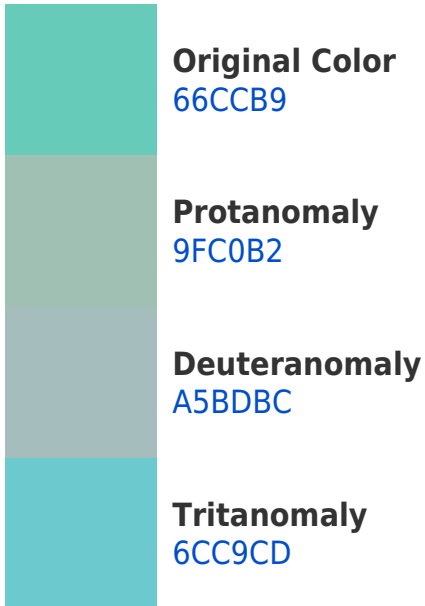
Dichromacy



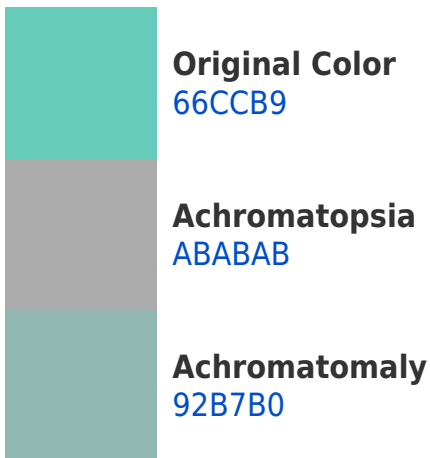


Tritanopia
70C8D8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 66CCB9 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 #66CCB9 looks like.

```
.text, #text, p{  
    color:#66CCB9  
}
```

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 #66CCB9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #66CCB9
}
```

Border

The CSS property to change the border of an element to Hex 66CCB9 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
#66CCB9 }
```

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

```
.border{ border-color:#66CCB9 }
```

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

Here you see how a box with a 4 pixel #66CCB9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #66CCB9; -webkit-box-shadow:4px 4px  
4px 4px #66CCB9; box-shadow:4px 4px 4px  
4px #66CCB9 }
```

Background

The CSS property to change the background color of an element to Hex 66CCB9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#66CCB9 }
```

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

```
.background{ background-color:#66CCB9 }
```

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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