

Converting Colors

Hex(67CBC2)

Have a look what the booklet for
Hex(67CBC2) contains.

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Color

Hex(67CBC2)

Conversions

Conversions Part 1

Format	Color
Hex	67CBC2
RGB	103, 203, 194
RGB Percent	40%, 80%, 76%
CMY	0.5961, 0.2039, 0.2392
CMYK	0.49, 0.00, 0.04, 0.20
HSL	175°, 49%, 60%
HSV	175°, 49%, 80%
XYZ	36.6871, 49.4905, 58.6579
YIQ	172.0740, -56.7110, -23.9990

Conversions

Conversions Part 2

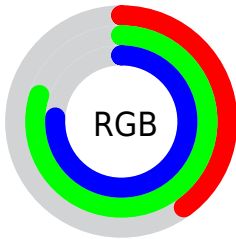
Format	Color
RYB	103, 155, 203
Decimal	6802370
CIELab	75.76, -31.45, -4.54
CIElCh	76, 31.773, 188.211
Yxy	49.4905, 0.2533, 0.3417
Android (android.graphics.Color)	4284992450 (0xFF67CBC2)
YUV	172.0740, 10.8095, -60.5779
Hunter-Lab	70.3495, -30.0243, -0.1918

Details

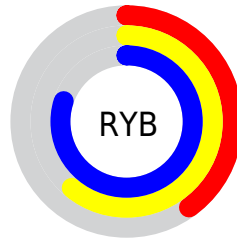
The Hex color **67CBC2** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **CB6770**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **A1FFFA**, and **28948C** is the 20% darker color. If you saturate the color by 10%, you get **53CBC0**, and if you desaturate by 10%, it is **7BCBC4**.

Distribution



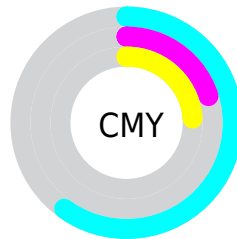
- Red (40%)
- Green (80%)
- Blue (76%)



- Red (40%)
- Yellow (61%)
- Blue (80%)



- Cyan (49%)
- Magenta (0%)
- Yellow (4%)
- Black (20%)



- Cyan (60%)
- Magenta (20%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color 67CBC2 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 67CBC2 by changing the saturation by 10% instead.

 67CBC2

 67CBC2

FFFFFF

 49AFA7

 A1FFFA

 28948C

 BEFFFF

 007A73

 DBFFFF

 00615B

 F9FFFF

 004943

 00312D

 001D18

 000000

 67CBC2

 67CBC2

53CBC0

7BCBC4

3ECBBE

90CBC6

2ACBBD

A4CBC7

16CBBB

B8CBC9

02CBB9

CDCBCB

00CBB9

E1CBCD

F5CBCF

FFCBD1

FFCBD2

Harmonies

Analogous

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



85C9A4



67CBC2



5EC9DE

Triad

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



67CBC2



C9B0E9



E2B285

Complementary

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



67CBC2



CB6770

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.



F2A998



67CBC2



E7A8D1

Square

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



67CBC2



A0BBF4



F5A5B4



C7BB80

Rectangle

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



67CBC2



6BC6EC



F5A5B4



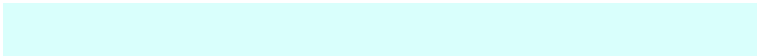
E9AE8A

Sweetspot

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



67CBC2



D9FFFC



71CB67



69807D



000000



808080

Same Dimension

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



67CBC2



69FFF1



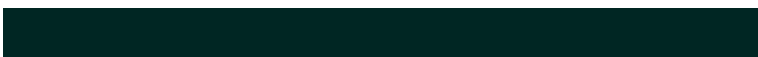
67A3CB



5C6665



00A697



002623

Inverse Universe

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



CB6770



FF6976



CB8F67



665C5D



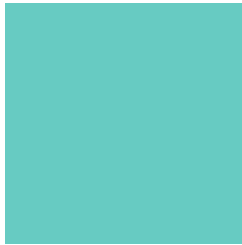
A6000F



260003

Previews

White Background



This preview shows how the Hex color 67CBC2 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 67CBC2 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

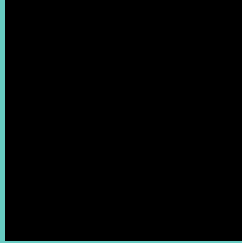
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

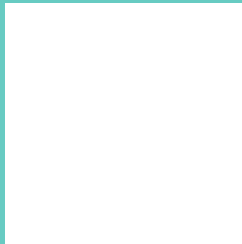
Any Text WCAG AAA ✓ Pass

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

Hex 67CBC2 Background



This preview shows how black text looks on a background with the Hex color 67CBC2.



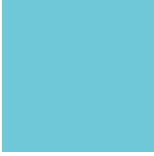
This preview shows how white text looks on a background with the Hex color 67CBC2.

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
6EC8D8

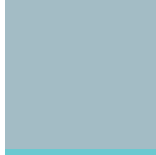
Trichromacy



Original Color
67CBC2



Protanomaly
9EC0BB



Deuteranomaly
A3BCC5

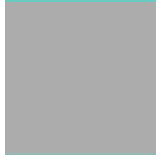


Tritanomaly
6BC9D0

Monochromacy



Original Color
67CBC2



Achromatopsia
ACACAC



Achromatomaly
93B7B4

CSS Examples

Text

The CSS property to change the color of the text to Hex 67CBC2 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 #67CBC2 looks like.

```
.text, #text, p{  
    color:#67CBC2  
}
```

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 #67CBC2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #67CBC2
}
```

Border

The CSS property to change the border of an element to Hex 67CBC2 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
#67CBC2 }
```

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

```
.border{ border-color:#67CBC2 }
```

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

Here you see how a box with a 4 pixel #67CBC2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #67CBC2; -webkit-box-shadow:4px 4px  
4px 4px #67CBC2; box-shadow:4px 4px 4px  
4px #67CBC2 }
```

Background

The CSS property to change the background color of an element to Hex 67CBC2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#67CBC2 }
```

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

```
.background{ background-color:#67CBC2 }
```

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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