

Converting Colors

Hex(67C5B6)

Have a look what the booklet for
Hex(67C5B6) contains.

Hex(67C5B6)	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(67C5B6)

Conversions

Conversions Part 1

Format	Color
Hex	67C5B6
RGB	103, 197, 182
RGB Percent	40%, 77%, 71%
CMY	0.5961, 0.2275, 0.2863
CMYK	0.48, 0.00, 0.08, 0.23
HSL	170°, 45%, 59%
HSV	170°, 48%, 77%
XYZ	34.0033, 46.1935, 51.3800
YIQ	167.1840, -51.2090, -24.5930

Conversions

Conversions Part 2

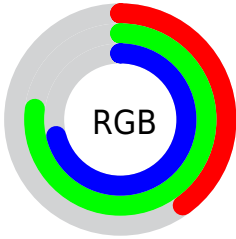
Format	Color
RYB	103, 154, 197
Decimal	6800822
CIELab	73.67, -31.57, -1.10
CIElCh	74, 31.584, 181.999
Yxy	46.1935, 0.2584, 0.3511
Android (android.graphics.Color)	4284990902 (0xFF67C5B6)
YUV	167.1840, 7.3043, -56.2894
Hunter-Lab	67.9658, -29.6366, 2.7546

Details

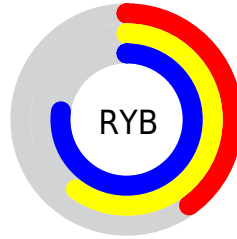
The Hex color **67C5B6** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **C56776**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **A0FEEE**, and **2B8F81** is the 20% darker color. If you saturate the color by 10%, you get **53C5B3**, and if you desaturate by 10%, it is **7BC5B9**.

Distribution



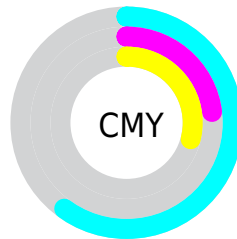
- Red (40%)
- Green (77%)
- Blue (71%)



- Red (40%)
- Yellow (60%)
- Blue (77%)



- Cyan (48%)
- Magenta (0%)
- Yellow (8%)
- Black (23%)



- Cyan (60%)
- Magenta (23%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 67C5B6 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 67C5B6 by changing the saturation by 10% instead.

 67C5B6

 67C5B6

FFFFFF

 4AA99B

 A0FEEB

 2B8F81

 BCFFFF

 007568

 D9FFFF

 005C50

 F7FFFF

 004339

 002D24

 00160F

 000000

 67C5B6

 67C5B6

 53C5B3

 7BC5B9

 40C5B0

 8EC5BC

 2CC5AD

 A2C5BF

 18C5A9

 B6C5C3

 05C5A6

 CAC5C6

 00C5A6

 DDC5C9

 F1C5CC

 FFC5CF

 FFC5D2

Harmonies

Analogous

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



87C299



67C5B6



57C4D3

Triad

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



67C5B6



BCADE6



E0AA83

Complementary

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



67C5B6



C56776

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.



EEA298



67C5B6



DCA4D1

Square

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



67C5B6



92B7EE



ED9FB4



C7B47B

Rectangle

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



67C5B6



60C1E2



ED9FB4



E6A788

Sweetspot

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



67C5B6



DBFFF9



77C567



6A807C



000000



808080

Same Dimension

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



67C5B6



6EFFE8



67A6C5



5A6362



00A389



00241E

Inverse Universe

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



C56776



FF6E85



C58667



635A5B



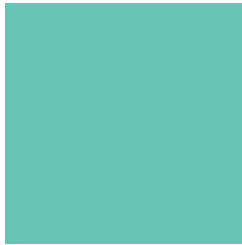
A3001A



240006

Previews

White Background



This preview shows how the Hex color 67C5B6 looks on a white background.

Color Contrast Check

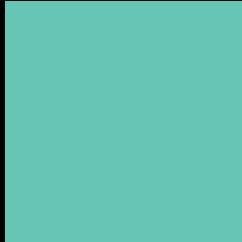
Large Text (above 18pt) WCAG AA × Fail

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 67C5B6 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

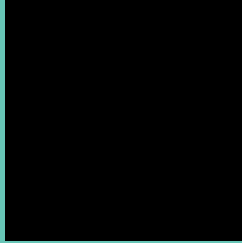
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

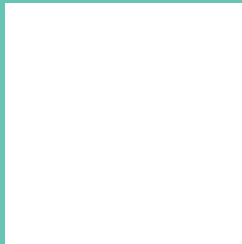
Any Text WCAG AAA ✓ Pass

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

Hex 67C5B6 Background



This preview shows how black text looks on a background with the Hex color 67C5B6.



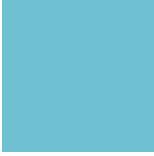
This preview shows how white text looks on a background with the Hex color 67C5B6.

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
6FC1D1

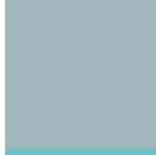
Trichromacy



Original Color
67C5B6



Protanomaly
9BBAB0



Deuteranomaly
A1B7B9

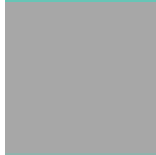


Tritanomaly
6CC2C7

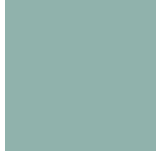
Monochromacy



Original Color
67C5B6



Achromatopsia
A7A7A7



Achromatomaly
90B2AC

CSS Examples

Text

The CSS property to change the color of the text to Hex 67C5B6 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 #67C5B6 looks like.

```
.text, #text, p{  
    color:#67C5B6  
}
```

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 #67C5B6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #67C5B6
}
```

Border

The CSS property to change the border of an element to Hex 67C5B6 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
#67C5B6 }
```

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

```
.border{ border-color:#67C5B6 }
```

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

Here you see how a box with a 4 pixel #67C5B6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #67C5B6; -webkit-box-shadow:4px 4px  
4px 4px #67C5B6; box-shadow:4px 4px 4px  
4px #67C5B6 }
```

Background

The CSS property to change the background color of an element to Hex 67C5B6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#67C5B6 }
```

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

```
.background{ background-color:#67C5B6 }
```

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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