

Converting Colors

Hex(68CEB4)

Have a look what the booklet for
Hex(68CEB4) contains.

Hex(68CEB4)	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(68CEB4)

Conversions

Conversions Part 1

Format	Color
Hex	68CEB4
RGB	104, 206, 180
RGB Percent	41%, 81%, 71%
CMY	0.5922, 0.1922, 0.2941
CMYK	0.50, 0.00, 0.13, 0.19
HSL	165°, 51%, 61%
HSV	165°, 50%, 81%
XYZ	36.0184, 50.3810, 51.0061
YIQ	172.5380, -52.4460, -29.7100

Conversions

Conversions Part 2

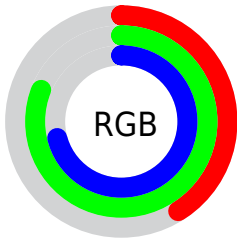
Format	Color
RYB	104, 162, 206
Decimal	6868660
CIELab	76.30, -36.03, 3.81
CIElCh	76, 36.232, 173.958
Yxy	50.3810, 0.2621, 0.3667
Android (android.graphics.Color)	4285058740 (0xFF68CEB4)
YUV	172.5380, 3.6788, -60.1078
Hunter-Lab	70.9795, -33.6347, 7.0797

Details

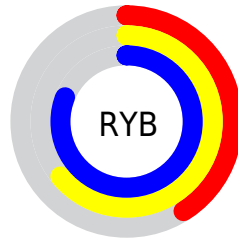
The Hex color **68CEB4** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **CE6882**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **A1FFEC**, and **2B977F** is the 20% darker color. If you saturate the color by 10%, you get **53CEAF**, and if you desaturate by 10%, it is **7DCEB9**.

Distribution



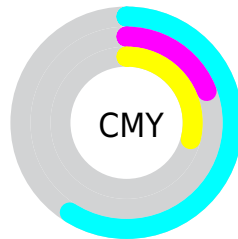
- Red (41%)
- Green (81%)
- Blue (71%)



- Red (41%)
- Yellow (64%)
- Blue (81%)



- Cyan (50%)
- Magenta (0%)
- Yellow (13%)
- Black (19%)



- Cyan (59%)
- Magenta (19%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 68CEB4 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 68CEB4 by changing the saturation by 10% instead.



68CEB4



68CEB4

FFFFFF



4BB299



A1FFEC



2B977F



BEFFFF



007D66



DBFFFF



00634E



F9FFFF



004B38



003322



001E0C



000000



68CEB4



68CEB4

■ 53CEAF

■ 7DCEB9

■ 3FCEA9

■ 91CEBF

■ 2ACEA4

■ A6CEC4

■ 16CE9F

■ BACEC9

■ 01CE9A

■ CFCECE

■ 00CE99

■ E4CED4

■ F8CED9

■ FFCEDE

■ FFCEE3

Harmonies

Analogous

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



91CA94



68CEB4



48CED6

Triad

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



68CEB4



B7B6F9



F2AC87

Complementary

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



68CEB4



CE6882

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.



FEA4A3



68CEB4



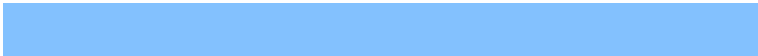
E0AAE4

Square

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



68CEB4



83C1FE



F9A3C4



D9B87A

Rectangle

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



68CEB4



49CCEA



F9A3C4



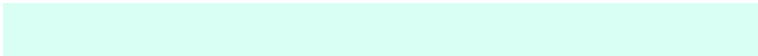
F8A98F

Sweetspot

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



68CEB4



D9FFF5



83CE68



69807A



000000



808080

Same Dimension

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



68CEB4



69FFD9



68B6CE



5C6663



00A67C



00261D

Inverse Universe

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



CE6882



FF698F



CE8068



665C5E



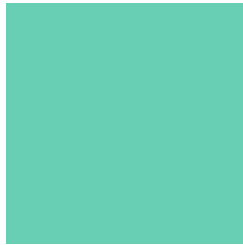
A6002A



26000A

Previews

White Background



This preview shows how the Hex color 68CEB4 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 68CEB4 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 68CEB4 Background



This preview shows how black text looks on a background with the Hex color 68CEB4.



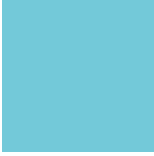
This preview shows how white text looks on a background with the Hex color 68CEB4.

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](#).

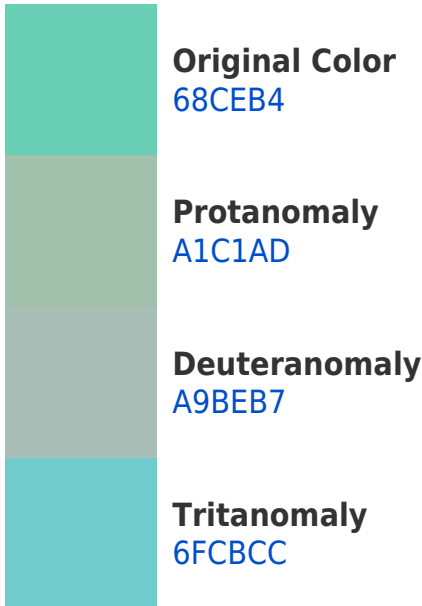
Dichromacy





Tritanopia
73C9D9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 68CEB4 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 #68CEB4 looks like.

```
.text, #text, p{  
    color:#68CEB4  
}
```

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 #68CEB4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #68CEB4
}
```

Border

The CSS property to change the border of an element to Hex 68CEB4 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
#68CEB4 }
```

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

```
.border{ border-color:#68CEB4 }
```

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

Here you see how a box with a 4 pixel #68CEB4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #68CEB4; -webkit-box-shadow:4px 4px  
4px 4px #68CEB4; box-shadow:4px 4px 4px  
4px #68CEB4 }
```

Background

The CSS property to change the background color of an element to Hex 68CEB4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#68CEB4 }
```

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

```
.background{ background-color:#68CEB4 }
```

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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