

Converting Colors

Hex(68CFAC)

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

Hex(68CFAC)	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(68CFAC)

Conversions

Conversions Part 1

Format	Color
Hex	68CFAC
RGB	104, 207, 172
RGB Percent	41%, 81%, 67%
CMY	0.5922, 0.1882, 0.3255
CMYK	0.50, 0.00, 0.17, 0.19
HSL	160°, 52%, 61%
HSV	160°, 50%, 81%
XYZ	35.4681, 50.5473, 46.9170
YIQ	172.2130, -50.1530, -32.7210

Conversions

Conversions Part 2

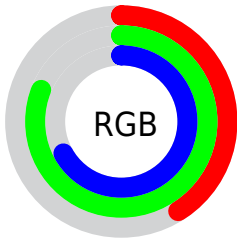
Format	Color
RYB	104, 166, 207
Decimal	6868908
CIELab	76.40, -38.32, 8.26
CIElCh	76, 39.199, 167.842
Yxy	50.5473, 0.2668, 0.3802
Android (android.graphics.Color)	4285058988 (0xFF68CFAC)
YUV	172.2130, -0.1050, -59.8228
Hunter-Lab	71.0966, -35.3703, 10.6419

Details

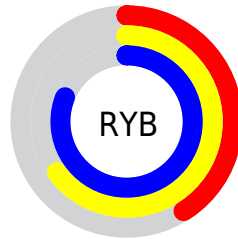
The Hex color **68CFAC** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **CF688B**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **A1FFE3**, and **2B9878** is the 20% darker color. If you saturate the color by 10%, you get **53CFA5**, and if you desaturate by 10%, it is **7DCFB3**.

Distribution



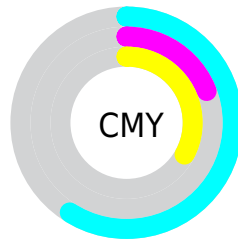
- Red (41%)
- Green (81%)
- Blue (67%)



- Red (41%)
- Yellow (65%)
- Blue (81%)



- Cyan (50%)
- Magenta (0%)
- Yellow (17%)
- Black (19%)



- Cyan (59%)
- Magenta (19%)
- Yellow (33%)

Brightness & Saturation Gradients

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

 68CFAC

 68CFAC

FFFFFF

 4BB391

 A1FFE3

 2B9878

 BEFFFF

 007E5F

 DBFFFF

 006447

 F9FFFF

 004B31

 00341C

 001F02

 000000

 68CFAC

 68CFAC

 53CFA5

 7DCFB3

 3FCF9E

 91CFBA

 2ACF97

 A6CFC1

 15CF90

 BBCFC8

 01CF89

 D0CFCF

 00CF89

 E4CFD6

 F9CFDD

 FFCFE4

 FFCFEB

Harmonies

Analogous

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



96CA8B



68CFAC



39D0D1

Triad

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



68CFAC



ABB8FF



FAA988

Complementary

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



68CFAC



CF688B

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.



FFA1A8



68CFAC



DCABED

Square

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



68CFAC



70C4FF



FAA2CD



E2B576

Rectangle

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



68CFAC



2DCEE8



FAA2CD



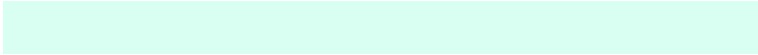
FFA692

Sweetspot

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



68CFAC



D9FFF2



8CCF68



698078



000000



808080

Same Dimension

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



68CFAC



66FFCB



68C0CF



5E6965



00A86F



00291B

Inverse Universe

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



CF688B



FF669A



CF7768



695E62



A80039



29000E

Previews

White Background



This preview shows how the Hex color 68CFAC looks on a white background.

Color Contrast Check

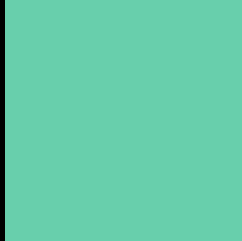
Large Text (above 18pt) WCAG AA × Fail

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 68CFAC looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

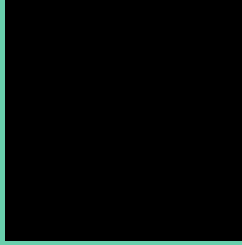
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

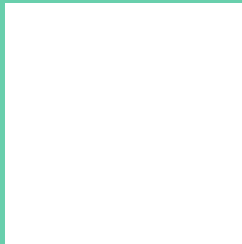
Any Text WCAG AAA ✓ Pass

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

Hex 68CFAC Background



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

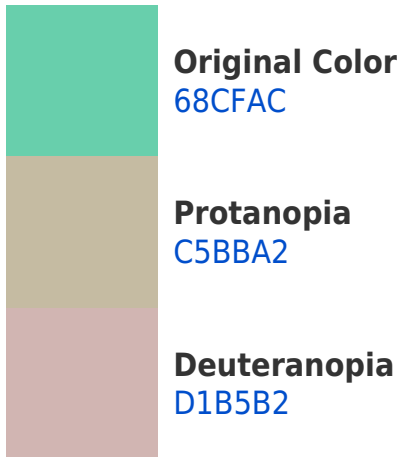


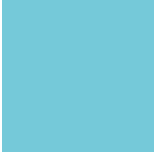
This preview shows how white text looks on a background with the Hex color 68CFAC.

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
75C9D9

Trichromacy



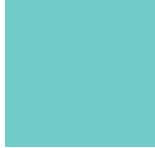
Original Color
68CFAC



Protanomaly
A3C2A6



Deuteranomaly
ABBEB0

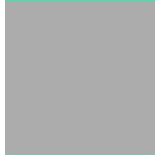


Tritanomaly
70CBC9

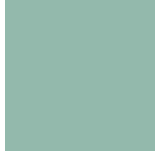
Monochromacy



Original Color
68CFAC



Achromatopsia
ACACAC



Achromatomaly
93B9AC

CSS Examples

Text

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

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

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 #68CFAC colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor