

Converting Colors

Hex(68DCA8)

Have a look what the booklet for
Hex(68DCA8) contains.

Hex(68DCA8)	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(68DCA8)

Conversions

Conversions Part 1

Format	Color
Hex	68DCA8
RGB	104, 220, 168
RGB Percent	41%, 86%, 66%
CMY	0.5922, 0.1373, 0.3412
CMYK	0.53, 0.00, 0.24, 0.14
HSL	153°, 62%, 64%
HSV	153°, 53%, 86%
XYZ	38.3700, 56.9566, 46.0172
YIQ	179.3880, -52.4440, -40.7640

Conversions

Conversions Part 2

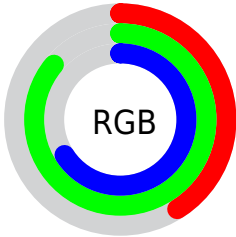
Format	Color
RYB	104, 179, 220
Decimal	6872232
CIELab	80.16, -44.93, 15.70
CIELCh	80, 47.591, 160.743
Yxy	56.9566, 0.2715, 0.4030
Android (android.graphics.Color)	4285062312 (0xFF68DCA8)
YUV	179.3880, -5.6143, -66.1153
Hunter-Lab	75.4696, -41.3194, 16.6769

Details

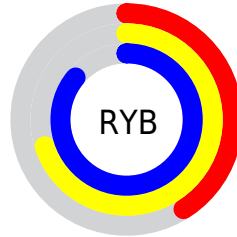
The Hex color **68DCA8** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **DC689C**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **A2FFDF**, and **27A474** is the 20% darker color. If you saturate the color by 10%, you get **52DC9E**, and if you desaturate by 10%, it is **7EDCB2**.

Distribution



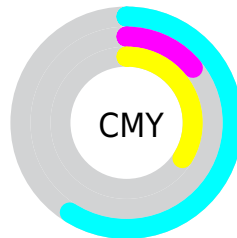
- Red (41%)
- Green (86%)
- Blue (66%)



- Red (41%)
- Yellow (70%)
- Blue (86%)



- Cyan (53%)
- Magenta (0%)
- Yellow (24%)
- Black (14%)



- Cyan (59%)
- Magenta (14%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Hex color 68DCA8 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 68DCA8 by changing the saturation by 10% instead.

 68DCA8

 68DCA8

FFFFFF

 4AC08E


 A2FFDF

 27A474

 BFFFFC

 00895B

 DDFFFF

 006F43

 FBFFFF

 00562D

 003D18

 002800

 000100

 000000

 68DCA8

 68DCA8

 52DC9E

 7EDCB2

 3CDC94

 94DCBC

 26DC8A

 AADCC6

 10DC81

 C0DCCF

 00DC79

 D6DCD9

 ECDCE3

 FFDCED

 FFDCF7

 FFDCFF

Harmonies

Analogous

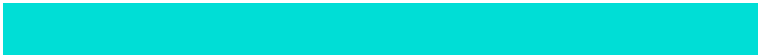
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



A3D582



68DCA8



00DED6

Triad

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



68DCA8



9EC6FF



FFAB8F

Complementary

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



68DCA8



DC689C

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.



FFA3B8



68DCA8



E0B5FF

Square

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



68DCA8



40D3FF



FFA7E5



FBBA73

Rectangle

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



68DCA8



00DDF3



FFA7E5



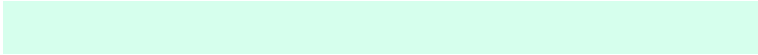
FFA79C

Sweetspot

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



68DCA8



D6FFED



9CDC68



678075



000000



808080

Same Dimension

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



68DCA8



5EFFB7



68D6DC



636E69



00AD60



002E19

Inverse Universe

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



DC689C



FF5EA6



DC6E68



6E6368



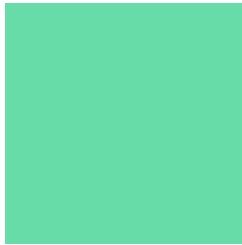
AD004E



2E0015

Previews

White Background



This preview shows how the Hex color 68DCA8 looks on a white background.

Color Contrast Check

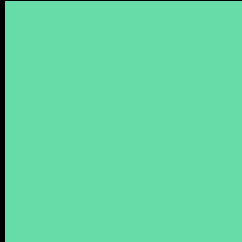
Large Text (above 18pt) WCAG AA × Fail

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 68DCA8 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 68DCA8 Background



This preview shows how black text looks on a background with the Hex color 68DCA8.

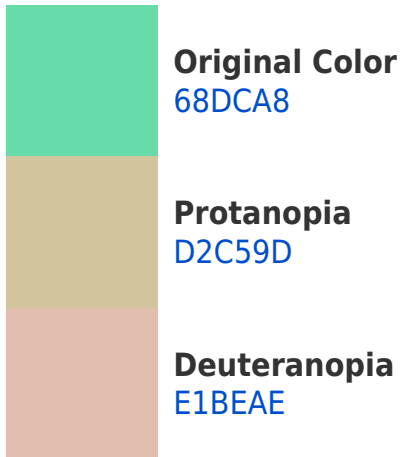


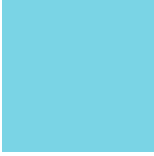
This preview shows how white text looks on a background with the Hex color 68DCA8.

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](#).

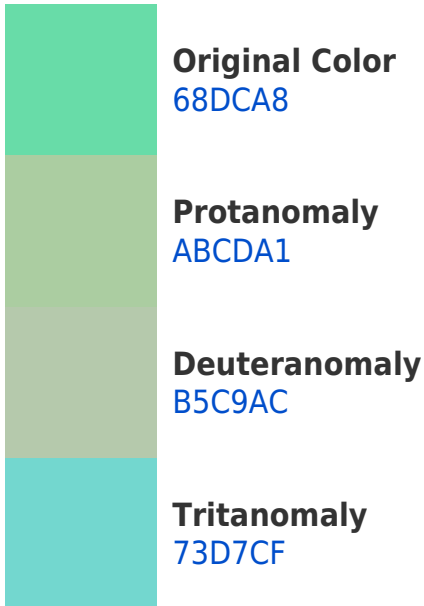
Dichromacy



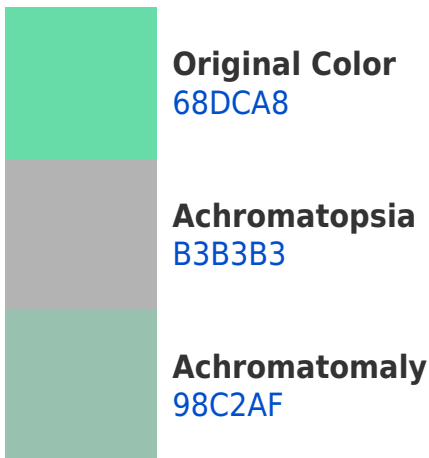


Tritanopia
7AD4E5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 68DCA8 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 #68DCA8 looks like.

```
.text, #text, p{  
    color:#68DCA8  
}
```

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 #68DCA8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #68DCA8
}
```

Border

The CSS property to change the border of an element to Hex 68DCA8 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
#68DCA8 }
```

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

```
.border{ border-color:#68DCA8 }
```

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

Here you see how a box with a 4 pixel #68DCA8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #68DCA8; -webkit-box-shadow:4px 4px  
4px 4px #68DCA8; box-shadow:4px 4px 4px  
4px #68DCA8 }
```

Background

The CSS property to change the background color of an element to Hex 68DCA8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#68DCA8 }
```

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

```
.background{ background-color:#68DCA8 }
```

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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