

Converting Colors

Hex(68CDC8)

Have a look what the booklet for
Hex(68CDC8) contains.

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Color

Hex(68CDC8)

Conversions

Conversions Part 1

Format	Color
Hex	68CDC8
RGB	104, 205, 200
RGB Percent	41%, 80%, 78%
CMY	0.5922, 0.1961, 0.2157
CMYK	0.49, 0.00, 0.02, 0.20
HSL	177°, 50%, 61%
HSV	177°, 49%, 80%
XYZ	37.9656, 50.7758, 62.4433
YIQ	174.2310, -58.5910, -22.9670

Conversions

Conversions Part 2

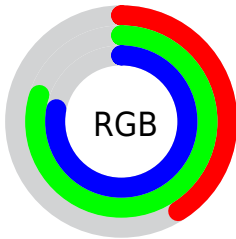
Format	Color
RYB	104, 156, 205
Decimal	6868424
CIELab	76.54, -30.66, -6.61
CIELCh	77, 31.365, 192.162
Yxy	50.7758, 0.2511, 0.3359
Android (android.graphics.Color)	4285058504 (0xFF68CDC8)
YUV	174.2310, 12.7041, -61.5926
Hunter-Lab	71.2572, -29.5959, -2.0764

Details

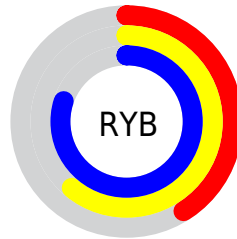
The Hex color **68CDC8** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **CD686D**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **A2FFFF**, and **299692** is the 20% darker color. If you saturate the color by 10%, you get **53CDC7**, and if you desaturate by 10%, it is **7CCDC9**.

Distribution



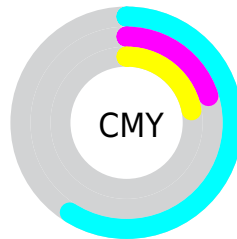
- Red (41%)
- Green (80%)
- Blue (78%)



- Red (41%)
- Yellow (61%)
- Blue (80%)



- Cyan (49%)
- Magenta (0%)
- Yellow (2%)
- Black (20%)



- Cyan (59%)
- Magenta (20%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 68CDC8 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 68CDC8 by changing the saturation by 10% instead.

 68CDC8

 68CDC8

FFFFFF

 4AB1AD

 A2FFFF

 299692

 BFFFFFF

 007C78

 DCFFFF

 006360

 FAFFFF

 004A48

 003332

 00201D

 000002

 000000

68CDC8

68CDC8

53CDC7

7CCDC9

3FCDC6

91CDCA

2ACDC5

A6CDCB

16CDC4

BACDCC

01CDC3

CFCDCD

00CDC3

E3CDCE

F8CDCF

FFCDD0

FFCDD1

Harmonies

Analogous

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



84CCA8



68CDC8



63CBE3

Triad

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



68CDC8



D0B1E8



E1B586

Complementary

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



68CDC8



CD686D

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.



F3AC97



68CDC8



EBA9CF

Square

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



68CDC8



A9BCF5



F7A7B2



C6BF84

Rectangle

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



68CDC8



73C7EF



F7A7B2



E8B28A

Sweetspot

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



68CDC8



D9FFFD



6DCD68



69807E



000000



808080

Same Dimension

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



68CDC8



69FFF8



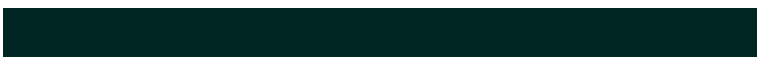
68A0CD



5C6665



00A69E



002624

Inverse Universe

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



CD686D



FF6970



CD9568



665C5C



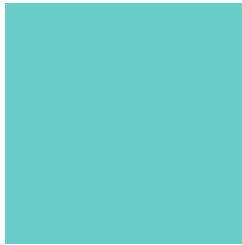
A60008



260002

Previews

White Background



This preview shows how the Hex color 68CDC8 looks on a white background.

Color Contrast Check

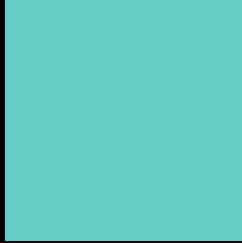
Large Text (above 18pt) WCAG AA × Fail

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 68CDC8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

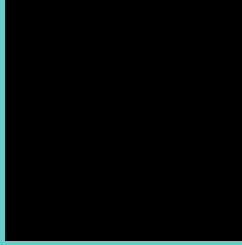
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

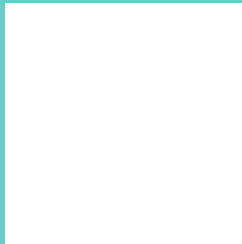
Any Text WCAG AAA ✓ Pass

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

Hex 68CDC8 Background



This preview shows how black text looks on a background with the Hex color 68CDC8.

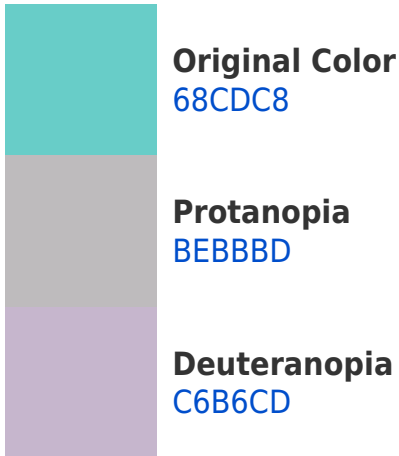


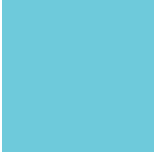
This preview shows how white text looks on a background with the Hex color 68CDC8.

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





Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 68CDC8 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 #68CDC8 looks like.

```
.text, #text, p{  
    color:#68CDC8  
}
```

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 #68CDC8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #68CDC8  
}
```

Border

The CSS property to change the border of an element to Hex 68CDC8 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  
#68CDC8 }
```

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

```
.border{ border-color:#68CDC8 }
```

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

Here you see how a box with a 4 pixel #68CDC8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #68CDC8; -webkit-box-shadow:4px 4px  
4px 4px #68CDC8; box-shadow:4px 4px 4px  
4px #68CDC8 }
```

Background

The CSS property to change the background color of an element to Hex 68CDC8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#68CDC8 }
```

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

```
.background{ background-color:#68CDC8 }
```

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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