

Converting Colors

Hex(68D0CD)

Have a look what the booklet for
Hex(68D0CD) contains.

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Color

Hex(68D0CD)

Conversions

Conversions Part 1

Format	Color
Hex	68D0CD
RGB	104, 208, 205
RGB Percent	41%, 82%, 80%
CMY	0.5922, 0.1843, 0.1961
CMYK	0.50, 0.00, 0.01, 0.18
HSL	178°, 53%, 61%
HSV	178°, 50%, 82%
XYZ	39.2842, 52.4626, 65.8134
YIQ	176.5620, -61.0210, -22.9810

Conversions

Conversions Part 2

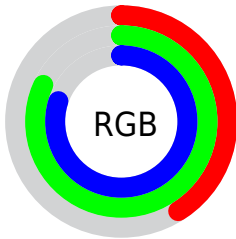
Format	Color
RYB	104, 157, 208
Decimal	6869197
CIELab	77.56, -30.82, -7.80
CIElCh	78, 31.786, 194.200
Yxy	52.4626, 0.2493, 0.3330
Android (android.graphics.Color)	4285059277 (0xFF68D0CD)
YUV	176.5620, 14.0199, -63.6369
Hunter-Lab	72.4311, -29.9418, -3.1712

Details

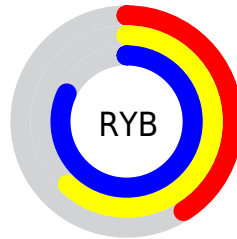
The Hex color **68D0CD** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **D0686B**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **A2FFFF**, and **279997** is the 20% darker color. If you saturate the color by 10%, you get **53D0CC**, and if you desaturate by 10%, it is **7DD0CE**.

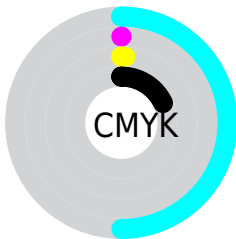
Distribution



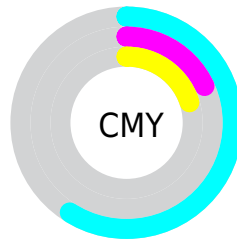
- Red (41%)
- Green (82%)
- Blue (80%)



- Red (41%)
- Yellow (62%)
- Blue (82%)



- Cyan (50%)
- Magenta (0%)
- Yellow (1%)
- Black (18%)



- Cyan (59%)
- Magenta (18%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color 68D0CD 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 68D0CD by changing the saturation by 10% instead.

 68D0CD

 68D0CD

FFFFFF

 4AB4B2

 A2FFFF

 279997

 C0FFFF

 007F7D

 DDFFFF


 006564

 FBFFFF

 004D4C

 003536

 002220

 000009

 000000

 68D0CD

 68D0CD

 53D0CC

 7DD0CE

 3ED0CC

 92D0CE

 2AD0CB

 A6D0CF

 15D0CB

 BBD0CF

 00D0CA

 D0D0D0

 E5D0D1

 FAD0D1

 FFD0D2

Harmonies

Analogous

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



83CFAF



68D0CD



66CDE8

Triad

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



68D0CD



D5B3EA



E2B887

Complementary

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



68D0CD



D0686B

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.



F5AF98



68D0CD



F0ACD0

Square

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



68D0CD



AEBEF8



FBAAB3



C6C286

Rectangle

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



68D0CD



77CAF4



FBAAB3



EAB58B

Sweetspot

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



68D0CD



D9FFFE



6BD068



69807F



000000



808080

Same Dimension

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



68D0CD



66FFFB



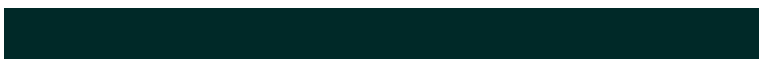
689FD0



5E6968



00A8A3



002928

Inverse Universe

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



D0686B



FF666A



D09968



695E5E



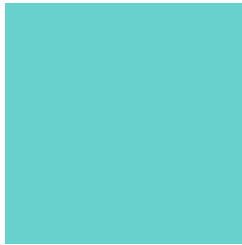
A80005



290001

Previews

White Background



This preview shows how the Hex color 68D0CD looks on a white background.

Color Contrast Check

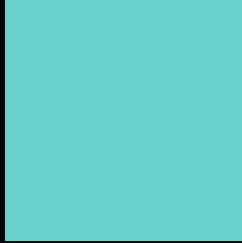
Large Text (above 18pt) WCAG AA × Fail

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 68D0CD looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

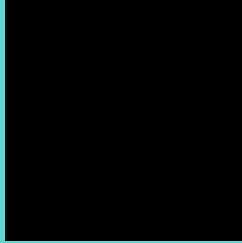
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

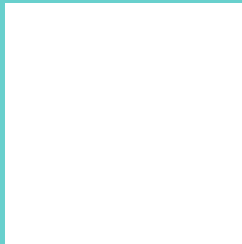
Any Text WCAG AAA ✓ Pass

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

Hex 68D0CD Background



This preview shows how black text looks on a background with the Hex color 68D0CD.

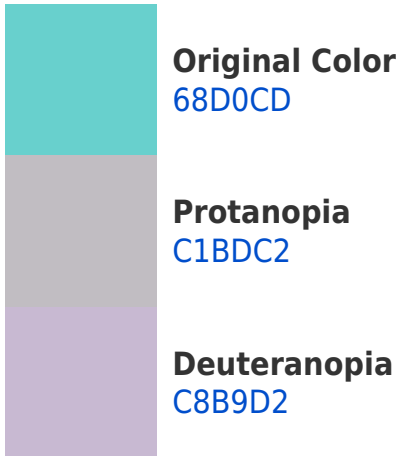


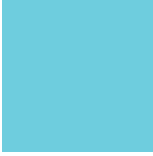
This preview shows how white text looks on a background with the Hex color 68D0CD.

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
6ECDDE

Trichromacy



Original Color
68D0CD



Protanomaly
A1C4C6



Deuteranomaly
A5C1D0

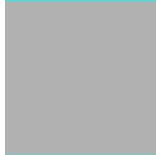


Tritanomaly
6CCED8

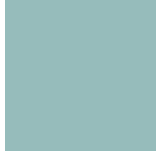
Monochromacy



Original Color
68D0CD



Achromatopsia
B1B1B1



Achromatomaly
96BCBB

CSS Examples

Text

The CSS property to change the color of the text to Hex 68D0CD 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 #68D0CD looks like.

```
.text, #text, p{  
    color:#68D0CD  
}
```

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 #68D0CD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #68D0CD
}
```

Border

The CSS property to change the border of an element to Hex 68D0CD 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
#68D0CD }
```

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

```
.border{ border-color:#68D0CD }
```

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

Here you see how a box with a 4 pixel #68D0CD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #68D0CD; -webkit-box-shadow:4px 4px  
4px 4px #68D0CD; box-shadow:4px 4px 4px  
4px #68D0CD }
```

Background

The CSS property to change the background color of an element to Hex 68D0CD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#68D0CD }
```

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

```
.background{ background-color:#68D0CD }
```

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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