

Converting Colors

Hex(68D3DF)

Have a look what the booklet for
Hex(68D3DF) contains.

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Color

Hex(68D3DF)

Conversions

Conversions Part 1

Format	Color
Hex	68D3DF
RGB	104, 211, 223
RGB Percent	41%, 83%, 87%
CMY	0.5922, 0.1725, 0.1255
CMYK	0.53, 0.05, 0.00, 0.13
HSL	186°, 65%, 64%
HSV	186°, 53%, 87%
XYZ	42.3225, 54.8593, 78.1703
YIQ	180.3750, -67.6240, -18.9520

Conversions

Conversions Part 2

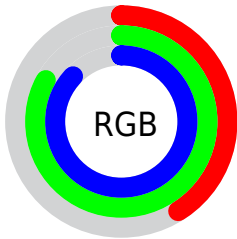
Format	Color
RYB	104, 160, 223
Decimal	6869983
CIELab	78.96, -27.50, -15.36
CIELCh	79, 31.499, 209.184
Yxy	54.8593, 0.2414, 0.3129
Android (android.graphics.Color)	4285060063 (0xFF68D3DF)
YUV	180.3750, 21.0141, -66.9809
Hunter-Lab	74.0671, -27.6211, -10.7277

Details

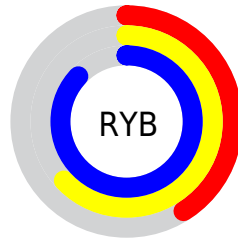
The Hex color **68D3DF** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **DF7468**, and the grayscale version is **B4B4B4**.

A 20% lighter version of the original color is **A4FFFF**, and **239CA8** is the 20% darker color. If you saturate the color by 10%, you get **52D1DF**, and if you desaturate by 10%, it is **7ED5DF**.

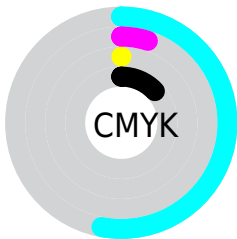
Distribution



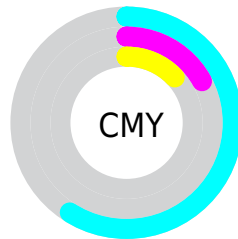
- Red (41%)
- Green (83%)
- Blue (87%)



- Red (41%)
- Yellow (63%)
- Blue (87%)



- Cyan (53%)
- Magenta (5%)
- Yellow (0%)
- Black (13%)



- Cyan (59%)
- Magenta (17%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color 68D3DF 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 68D3DF by changing the saturation by 10% instead.

 68D3DF

 68D3DF

FFFFFF

 49B7C3

 A4FFFF

 239CA8

 C1FFFF

 00828D

 DFFFFF

 006874

FDFFFF

 00505B

 003844

 00232D

 00011A

 000000

 68D3DF

 68D3DF

 52D1DF

 7ED5DF

 3BCFDF

 95D7DF

 25CCDF

 ABDADF

 0FCADF

 C1DCDF

 00C9DF

 D8DEDF

 EEE0DF

 FFE3DF

 FFE5DF

 FFE7DF

Harmonies

Analogous

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



79D4C2



68D3DF



77CEF5

Triad

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



68D3DF



E8B3E2



D9C189

Complementary

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



68D3DF



DF7468

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.



F1B792



68D3DF



FBAEC5

Square

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



68D3DF



C7BCF7



FEB0A8



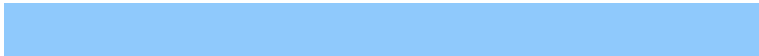
BACA90

Rectangle

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



68D3DF



8FC9FC



FEB0A8



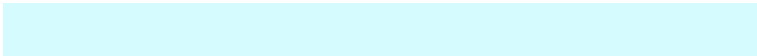
E2BE8A

Sweetspot

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



68D3DF



D6FBFF



68DF74



677D80



000000



808080

Same Dimension

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



68D3DF



5CEFFF



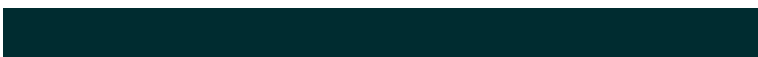
6898DF



656F70



009EB0



002C30

Inverse Universe

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



DF68D3



FF5CEF



DFAF68



70656F



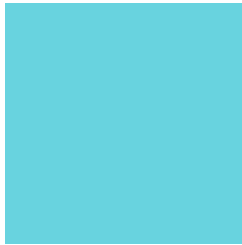
B0009E



30002C

Previews

White Background



This preview shows how the Hex color 68D3DF looks on a white background.

Color Contrast Check

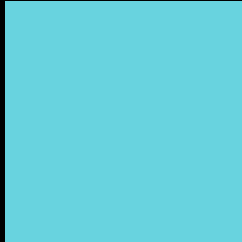
Large Text (above 18pt) WCAG AA × Fail

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 68D3DF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

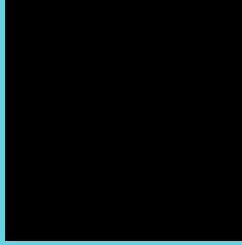
Any Text WCAG AA ✓ Pass

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 68D3DF Background



This preview shows how black text looks on a background with the Hex color 68D3DF.

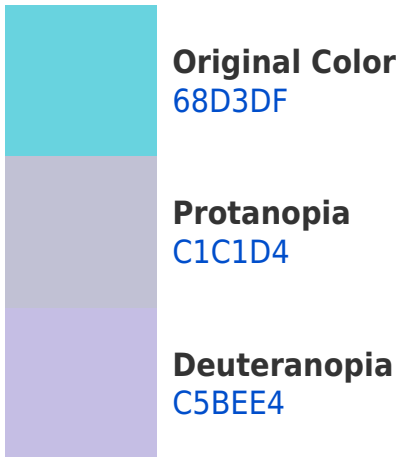


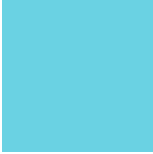
This preview shows how white text looks on a background with the Hex color 68D3DF.

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](#).

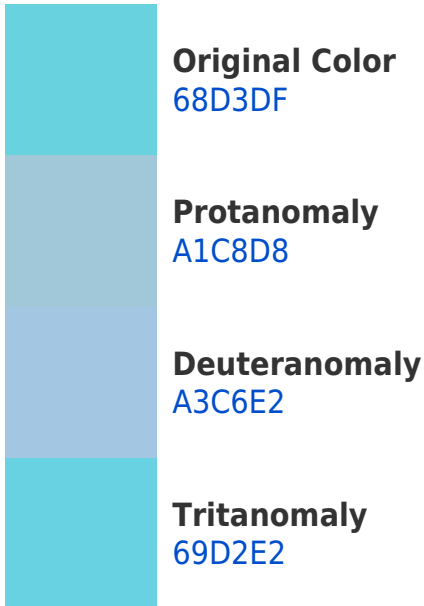
Dichromacy





Tritanopia
6AD2E3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 68D3DF 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 #68D3DF looks like.

```
.text, #text, p{  
    color:#68D3DF  
}
```

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 #68D3DF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #68D3DF
}
```

Border

The CSS property to change the border of an element to Hex 68D3DF 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
#68D3DF }
```

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

```
.border{ border-color:#68D3DF }
```

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

Here you see how a box with a 4 pixel #68D3DF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #68D3DF; -webkit-box-shadow:4px 4px  
4px 4px #68D3DF; box-shadow:4px 4px 4px  
4px #68D3DF }
```

Background

The CSS property to change the background color of an element to Hex 68D3DF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#68D3DF }
```

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

```
.background{ background-color:#68D3DF }
```

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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