

# Converting Colors

Hex(68D4F0)

Have a look what the booklet for  
Hex(68D4F0) contains.

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# **Color**

**Hex(68D4F0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	68D4F0
RGB	104, 212, 240
RGB Percent	41%, 83%, 94%
CMY	0.5922, 0.1686, 0.0588
CMYK	0.57, 0.12, 0.00, 0.06
HSL	192°, 82%, 67%
HSV	192°, 57%, 94%
XYZ	44.9806, 56.3213, 90.9384
YIQ	182.9000, -73.3560, -14.1880

# Conversions

## Conversions Part 2

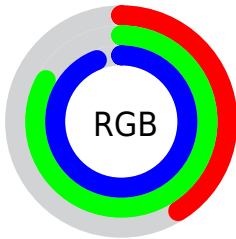
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	104, 164, 240
Decimal	6870256
CIELab	79.80, -23.27, -23.18
CIELCh	80, 32.848, 224.886
Yxy	56.3213, 0.2340, 0.2930
Android (android.graphics.Color)	4285060336 (0xFF68D4F0)
YUV	182.9000, 28.1503, -69.1953
Hunter-Lab	75.0475, -24.3471, -19.3111

# Details

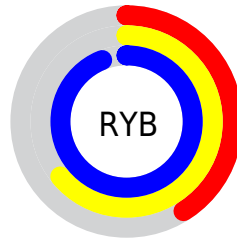
The Hex color **68D4F0** is a light color, and the websafe version is hex **33CCFF**. A complement of this color would be **F08468**, and the grayscale version is **B7B7B7**.

A 20% lighter version of the original color is **A5FFFF**, and **1D9DB8** is the 20% darker color. If you saturate the color by 10%, you get **50CFF0**, and if you desaturate by 10%, it is **80D9F0**.

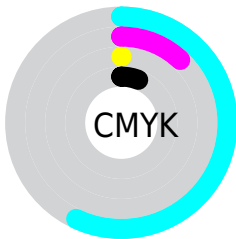
# Distribution



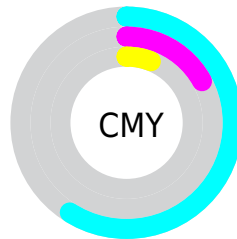
- Red (41%)
- Green (83%)
- Blue (94%)



- Red (41%)
- Yellow (64%)
- Blue (94%)



- Cyan (57%)
- Magenta (12%)
- Yellow (0%)
- Black (6%)



- Cyan (59%)
- Magenta (17%)
- Yellow (6%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 68D4F0 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 68D4F0 by changing the saturation by 10% instead.



 68D4F0

 68D4F0

FFFFFF

 47B8D4

 A5FFFF

 1D9DB8

 C3FFFF

 00839D

 E1FFFF

 006A83

 00516A

 003A51

 00243A

 000225

 00010D

68D4F0

68D4F0

50CFF0

80D9F0

38CAF0

98DEF0

20C5F0

B0E3F0

08C0F0

C8E8F0

00BFF0

E0EDF0

F8F2F0

FFF7F0

FFFCF0

FFFFF0

# Harmonies

## Analogous

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



6AD7D4



68D4F0



88CDFE

# Triad

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



68D4F0



F9B1D7



CCC98A

# Complementary

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



68D4F0



F08468

# 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.



E9BF8B



68D4F0



FFAFB7

# Square

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



68D4F0



DDB9F1



FDB59C



A9D19A

# Rectangle

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



68D4F0



A5C7FF



FDB59C



D7C589

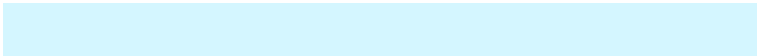


# Sweetspot

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



68D4F0



D4F6FF



68F083



667A80



000000



808080



# Same Dimension

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



68D4F0



52DBFF



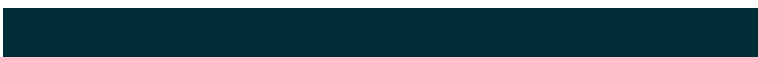
6891F0



6C7578



0092B8



002D38



# Inverse Universe

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



F068D4



FF52DB



F0C768



786C75



B80092

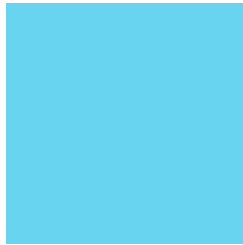


38002D



# Previews

## White Background



This preview shows how the Hex color 68D4F0 looks on a white background.

## Color Contrast Check

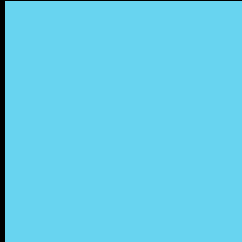
Large Text (above 18pt) WCAG AA × Fail

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 68D4F0 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

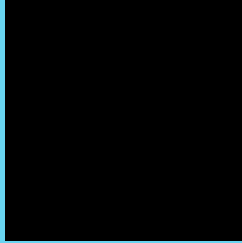
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 68D4F0 Background



This preview shows how black text looks on a background with the Hex color 68D4F0.

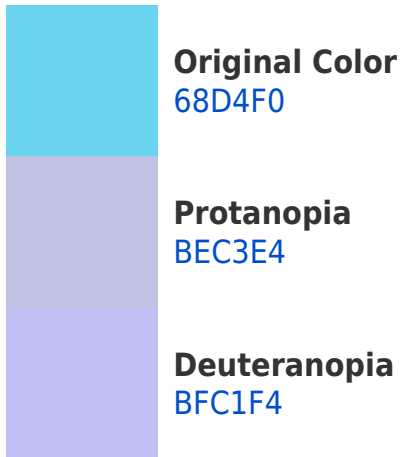


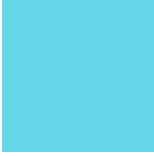
This preview shows how white text looks on a background with the Hex color 68D4F0.

# 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](#).

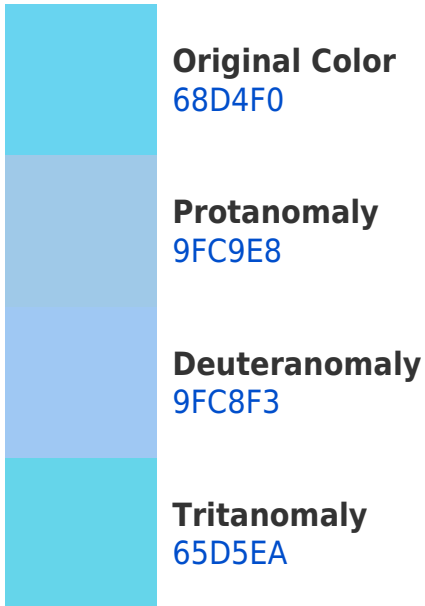
## Dichromacy



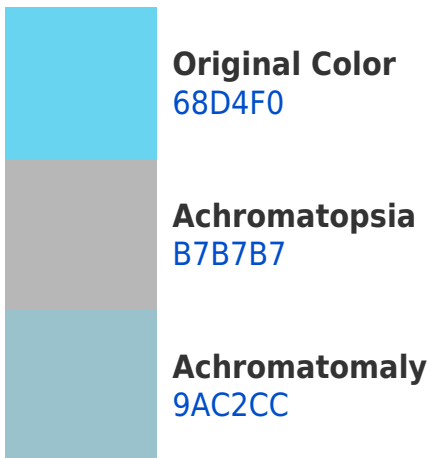


**Tritanopia**  
64D6E7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 68D4F0 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 #68D4F0 looks like.

```
.text, #text, p{  
    color:#68D4F0  
}
```

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 #68D4F0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #68D4F0
}
```

## Border

The CSS property to change the border of an element to Hex 68D4F0 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
#68D4F0 }
```

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

```
.border{ border-color:#68D4F0 }
```

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

Here you see how a box with a 4 pixel #68D4F0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #68D4F0; -webkit-box-shadow:4px 4px  
4px 4px #68D4F0; box-shadow:4px 4px 4px  
4px #68D4F0 }
```

# Background

The CSS property to change the background color of an element to Hex 68D4F0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#68D4F0 }
```

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

```
.background{ background-color:#68D4F0 }
```

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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