

# Converting Colors

Hex(66D6F6)

Have a look what the booklet for  
Hex(66D6F6) contains.

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# **Color**

**Hex(66D6F6)**

# Conversions

## Conversions Part 1

Format	Color
Hex	66D6F6
RGB	102, 214, 246
RGB Percent	40%, 84%, 96%
CMY	0.6000, 0.1608, 0.0353
CMYK	0.59, 0.13, 0.00, 0.04
HSL	193°, 89%, 68%
HSV	193°, 59%, 96%
XYZ	46.1606, 57.5717, 95.8683
YIQ	184.1600, -77.0240, -13.7920

# Conversions

## Conversions Part 2

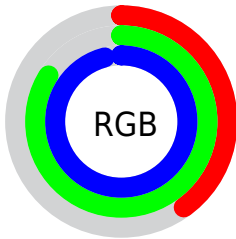
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	102, 165, 246
Decimal	6739702
CIE Lab	80.50, -22.93, -25.31
CIE LCh	81, 34.153, 227.827
Yxy	57.5717, 0.2313, 0.2884
Android (android.graphics.Color)	4284929782 (0xFF66D6F6)
YUV	184.1600, 30.4871, -72.0543
Hunter-Lab	75.8760, -24.1893, -21.7989

# Details

The Hex color **66D6F6** is a light color, and the websafe version is hex **33CCFF**. A complement of this color would be **F68666**, and the grayscale version is **B8B8B8**.

A 20% lighter version of the original color is **A4FFFF**, and **149FBE** is the 20% darker color. If you saturate the color by 10%, you get **4DD1F6**, and if you desaturate by 10%, it is **7FDBF6**.

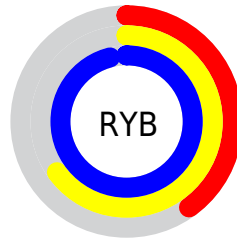
# Distribution



Red (40%)

Green (84%)

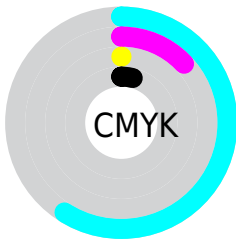
Blue (96%)



Red (40%)

Yellow (65%)

Blue (96%)

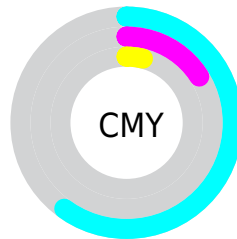


Cyan (59%)

Magenta (13%)

Yellow (0%)

Black (4%)



Cyan (60%)

Magenta (16%)

Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 66D6F6 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 66D6F6 by changing the saturation by 10% instead.



 66D6F6

 66D6F6

FFFFFF

 44BAD9

 A4FFFF

 149FBE

 C2FFFF

 0085A3

 E0FFFF

 006B88

 00536F

 003B56

 00263F

 000629

 000113

■ 66D6F6

■ 66D6F6

■ 4DD1F6

■ 7FDBF6

■ 35CBF6

■ 97E1F6

■ 1CC6F6

■ B0E6F6

■ 04C0F6

■ C8ECF6

■ 00BFF6

■ E1F1F6

■ FAF7F6

■ FFFCF6

■ FFFFF6

# Harmonies

## Analogous

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



65D9DA



66D6F6



8BCFFF

# Triad

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



66D6F6



FEB1D6



CBCC8A

# Complementary

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



66D6F6



F68666

# 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.



EAC18A



66D6F6



FFB0B6

# Square

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



66D6F6



E3B9F3



FFB79A



A6D49C

# Rectangle

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



66D6F6



AAC8FF



FFB79A



D6C888

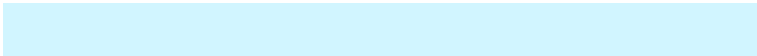


# Sweetspot

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



66D6F6



D1F5FF



66F685



637980



000000



808080



# Same Dimension

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



66D6F6



4DD7FF



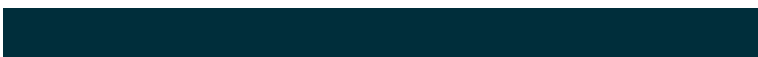
668FF6



6E787A



0091BA



002E3B



# Inverse Universe

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



F666D6



FF4DD7



F6CD66



7A6E78



BA0091

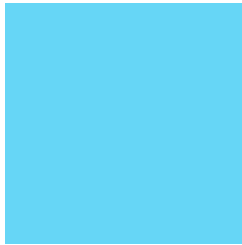


3B002E



# Previews

## White Background



This preview shows how the Hex color 66D6F6 looks on a white background.

## Color Contrast Check

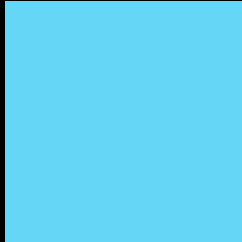
Large Text (above 18pt) WCAG AA × Fail

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 66D6F6 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 66D6F6 Background



This preview shows how black text looks on a background with the Hex color 66D6F6.

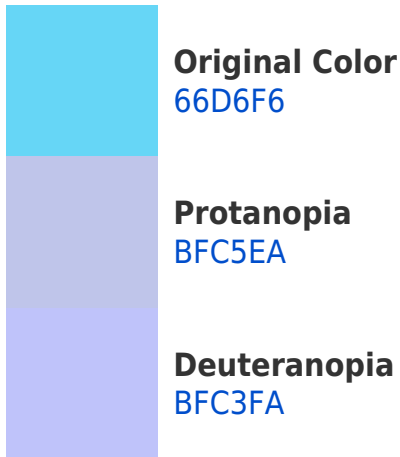


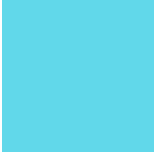
This preview shows how white text looks on a background with the Hex color 66D6F6.

# 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](#).

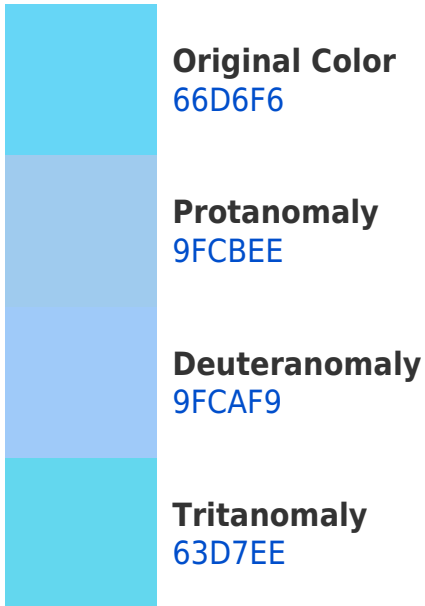
## Dichromacy





**Tritanopia**  
61D8EA

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 66D6F6 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 #66D6F6 looks like.

```
.text, #text, p{  
    color:#66D6F6  
}
```

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 #66D6F6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #66D6F6
}
```

## Border

The CSS property to change the border of an element to Hex 66D6F6 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
#66D6F6 }
```

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

```
.border{ border-color:#66D6F6 }
```

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

Here you see how a box with a 4 pixel #66D6F6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #66D6F6; -webkit-box-shadow:4px 4px  
4px 4px #66D6F6; box-shadow:4px 4px 4px  
4px #66D6F6 }
```

# Background

The CSS property to change the background color of an element to Hex 66D6F6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#66D6F6 }
```

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

```
.background{ background-color:#66D6F6 }
```

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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