

Converting Colors

Hex(66DFFC)

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

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Color

Hex(66DFFC)

Conversions

Conversions Part 1

Format	Color
Hex	66DFFC
RGB	102, 223, 252
RGB Percent	40%, 87%, 99%
CMY	0.6000, 0.1255, 0.0118
CMYK	0.60, 0.12, 0.00, 0.01
HSL	192°, 96%, 69%
HSV	192°, 60%, 99%
XYZ	49.4379, 62.6284, 101.5783
YIQ	190.1270, -81.4250, -16.6330

Conversions

Conversions Part 2

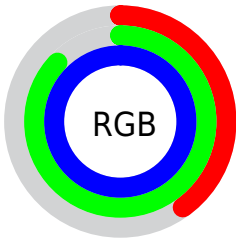
Format	Color
RYB	102, 169, 252
Decimal	6742012
CIELab	83.25, -25.68, -24.31
CIELCh	83, 35.359, 223.432
Yxy	62.6284, 0.2314, 0.2931
Android (android.graphics.Color)	4284932092 (0xFF66DFFC)
YUV	190.1270, 30.5034, -77.2874
Hunter-Lab	79.1381, -26.9821, -20.7054

Details

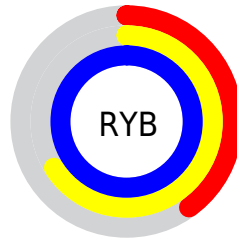
The Hex color **66DFFC** is a light color, and the websafe version is hex **33CCFF**. A complement of this color would be **FC8366**, and the grayscale version is **BEBEBE**.

A 20% lighter version of the original color is **A5FFFF**, and **0CA8C3** is the 20% darker color. If you saturate the color by 10%, you get **4DDAFC**, and if you desaturate by 10%, it is **7FE4FC**.

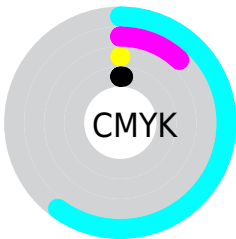
Distribution



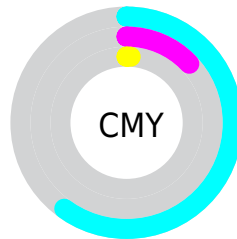
- Red (40%)
- Green (87%)
- Blue (99%)



- Red (40%)
- Yellow (66%)
- Blue (99%)



- Cyan (60%)
- Magenta (12%)
- Yellow (0%)
- Black (1%)



- Cyan (60%)
- Magenta (13%)
- Yellow (1%)

Brightness & Saturation Gradients

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

 66DFFC

 66DFFC

FFFFFF

 43C3DF

 A5FFFF

 0CA8C3

 C3FFFF

 008DA8

 E2FFFF

 00738E

 005A74

 00425B

 002C44

 00162D

 000118

■ 66DFFC

■ 66DFFC

■ 4DDAFC

■ 7FE4FC

■ 34D5FC

■ 98E9FC

■ 1AD0FC

■ B2EEFC

■ 01CCFC

■ CBF2FC

■ 00CBFC

■ E4F7FC

■ FDFCFC

■ FFFFFC

Harmonies

Analogous

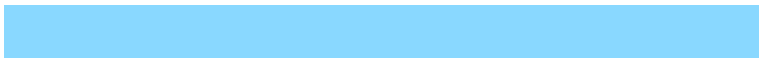
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



6BE2DE



66DFFC



89D8FF

Triad

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



66DFFC



FFB9E3



D8D28E

Complementary

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



66DFFC



FC8366

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.



F7C790



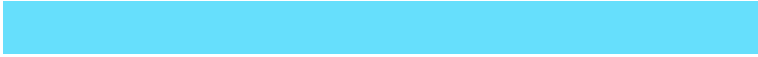
66DFFC



FFB7C1

Square

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



66DFFC



E7C2FF



FFBCA3



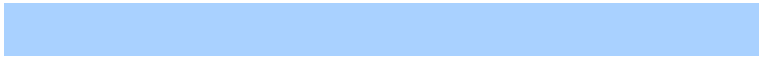
B2DB9E

Rectangle

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



66DFFC



A9D1FF



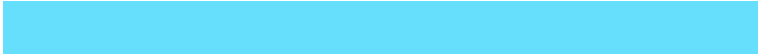
FFBCA3



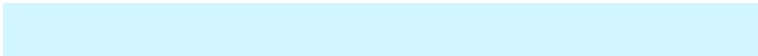
E3CF8D

Sweetspot

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



66DFFC



D1F6FF



66FC82



637A80



000000



808080

Same Dimension

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



66DFFC



4ADCFF



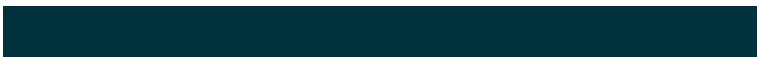
6695FC



707B7D



0098BD



00313D

Inverse Universe

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



FC66DF



FF4ADC



FCCD66



7D707B



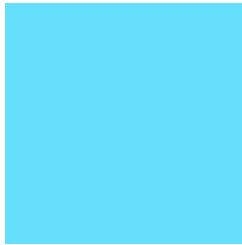
BD0098



3D0031

Previews

White Background



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

Color Contrast Check

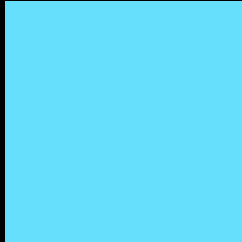
Large Text (above 18pt) WCAG AA × Fail

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 66DFFC 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 66DFFC Background



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

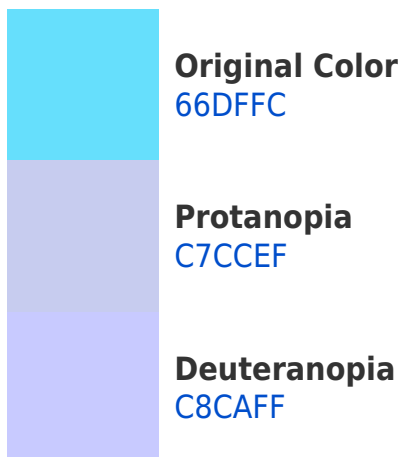


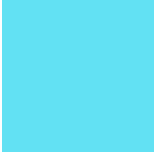
This preview shows how white text looks on a background with the Hex color 66DFFC.

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](#).

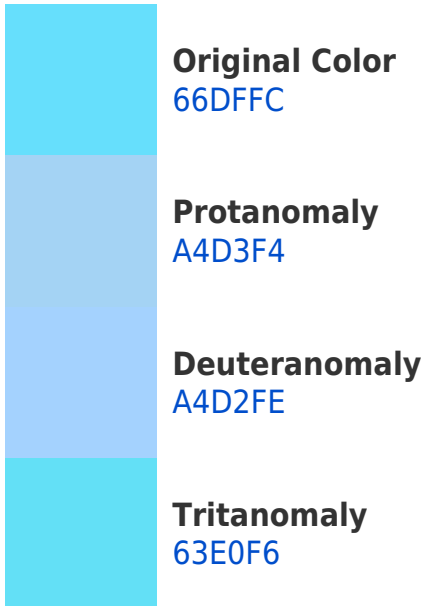
Dichromacy



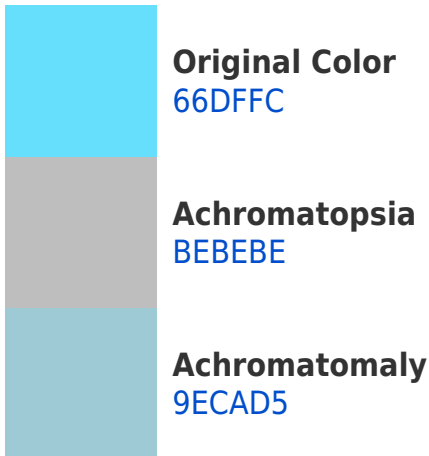


Tritanopia
62E1F3

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #66DFFC colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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