

Converting Colors

Hex(66D1FA)

Have a look what the booklet for
Hex(66D1FA) contains.

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Color

Hex(66D1FA)

Conversions

Conversions Part 1

Format	Color
Hex	66D1FA
RGB	102, 209, 250
RGB Percent	40%, 82%, 98%
CMY	0.6000, 0.1804, 0.0196
CMYK	0.59, 0.16, 0.00, 0.02
HSL	197°, 94%, 69%
HSV	197°, 59%, 98%
XYZ	45.5353, 55.3278, 98.7219
YIQ	181.6810, -76.9330, -9.9330

Conversions

Conversions Part 2

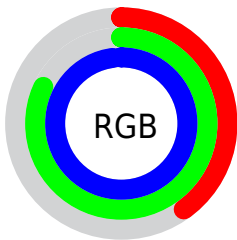
Format	Color
RYB	102, 164, 250
Decimal	6738426
CIELab	79.23, -19.24, -29.39
CIELCh	79, 35.121, 236.791
Yxy	55.3278, 0.2281, 0.2772
Android (android.graphics.Color)	4284928506 (0xFF66D1FA)
YUV	181.6810, 33.6813, -69.8802
Hunter-Lab	74.3827, -20.8963, -26.6227

Details

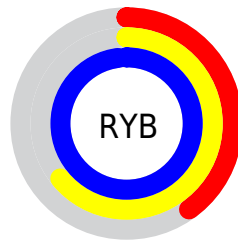
The Hex color **66D1FA** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **FA8F66**, and the grayscale version is **B5B5B5**.

A 20% lighter version of the original color is **A4FFFF**, and **149AC1** is the 20% darker color. If you saturate the color by 10%, you get **4DCAFA**, and if you desaturate by 10%, it is **7FD8FA**.

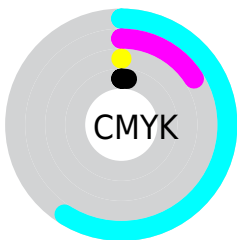
Distribution



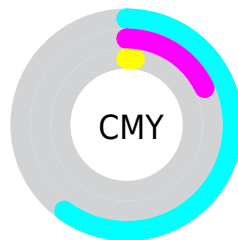
- Red (40%)
- Green (82%)
- Blue (98%)



- Red (40%)
- Yellow (64%)
- Blue (98%)



- Cyan (59%)
- Magenta (16%)
- Yellow (0%)
- Black (2%)



- Cyan (60%)
- Magenta (18%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Hex color 66D1FA 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 66D1FA by changing the saturation by 10% instead.

 66D1FA

 66D1FA

FFFFFF

 44B5DD

 A4FFFF


 149AC1

 C2FFFF

 0080A6

 E0FFFF

 00678C

 004F72

 003859

 002342

 00032C

 000116

■ 66D1FA

■ 66D1FA

■ 4DCAFA

■ 7FD8FA

■ 34C3FA

■ 98DFFA

■ 1BBCFA

■ B1E6FA

■ 02B5FA

■ CAEDFA

■ 00B5FA

■ E3F4FA

■ FCFBFA

■ FFFFA

Harmonies

Analogous

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



57D6E1



66D1FA



93C8FF

Triad

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



66D1FA



FFACC9



BCCB89

Complementary

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



66D1FA



FA8F66

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.



DEC183



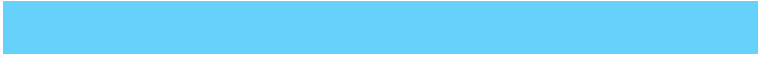
66D1FA



FFAEA8

Square

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



66D1FA



EBB2E9



F8B68F



96D29F

Rectangle

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



66D1FA



B4C1FF



F8B68F



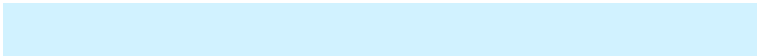
C8C885

Sweetspot

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



66D1FA



D1F2FF



66FA8D



637880



000000



808080

Same Dimension

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



66D1FA



4ACDFF



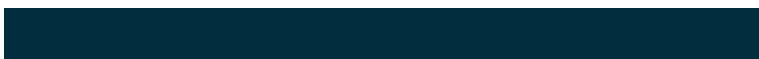
6689FA



70797D



0088BD



002C3D

Inverse Universe

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



FA66D1



FF4ACD



FAD766



7D7079



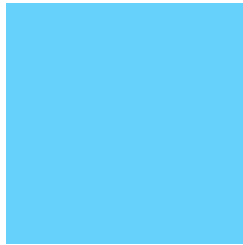
BD0088



3D002C

Previews

White Background



This preview shows how the Hex color 66D1FA looks on a white background.

Color Contrast Check

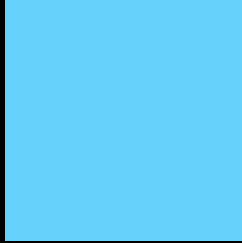
Large Text (above 18pt) WCAG AA × Fail

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 66D1FA 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 66D1FA Background



This preview shows how black text looks on a background with the Hex color 66D1FA.

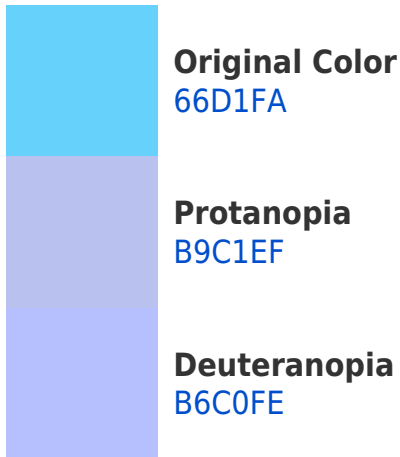


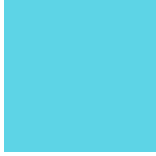
This preview shows how white text looks on a background with the Hex color 66D1FA.

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](#).

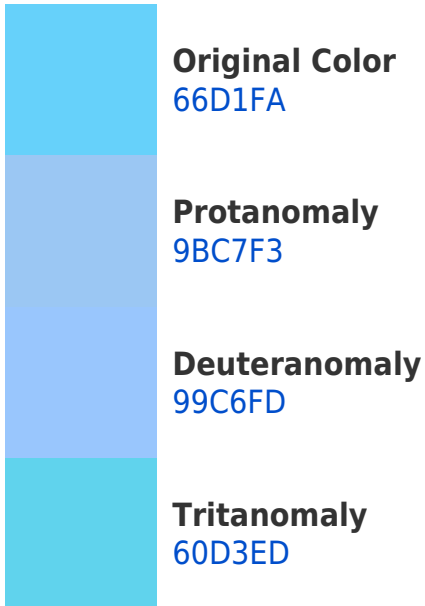
Dichromacy



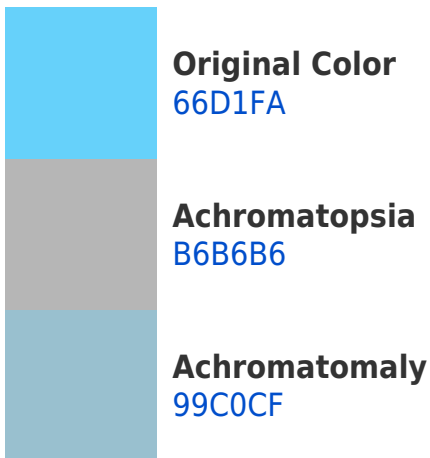


Tritanopia
5DD4E6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 66D1FA 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 #66D1FA looks like.

```
.text, #text, p{  
    color:#66D1FA  
}
```

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 #66D1FA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #66D1FA
}
```

Border

The CSS property to change the border of an element to Hex 66D1FA 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
#66D1FA }
```

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

```
.border{ border-color:#66D1FA }
```

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

Here you see how a box with a 4 pixel #66D1FA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #66D1FA; -webkit-box-shadow:4px 4px  
4px 4px #66D1FA; box-shadow:4px 4px 4px  
4px #66D1FA }
```

Background

The CSS property to change the background color of an element to Hex 66D1FA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#66D1FA }
```

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

```
.background{ background-color:#66D1FA }
```

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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