

Converting Colors

Hex(66D6FE)

Have a look what the booklet for
Hex(66D6FE) contains.

Hex(66D6FE)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(66D6FE)

Conversions

Conversions Part 1

Format	Color
Hex	66D6FE
RGB	102, 214, 254
RGB Percent	40%, 84%, 100%
CMY	0.6000, 0.1608, 0.0039
CMYK	0.60, 0.16, 0.00, 0.00
HSL	196°, 99%, 70%
HSV	196°, 60%, 100%
XYZ	47.4154, 58.0737, 102.4762
YIQ	185.0720, -79.5920, -11.3040

Conversions

Conversions Part 2

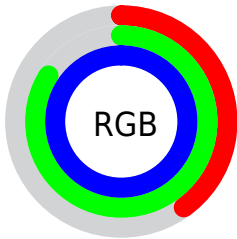
Format	Color
RYB	102, 166, 254
Decimal	6739710
CIELab	80.78, -20.60, -29.14
CIELCh	81, 35.686, 234.732
Yxy	58.0737, 0.2280, 0.2792
Android (android.graphics.Color)	4284929790 (0xFF66D6FE)
YUV	185.0720, 33.9815, -72.8541
Hunter-Lab	76.2061, -22.2979, -26.3845

Details

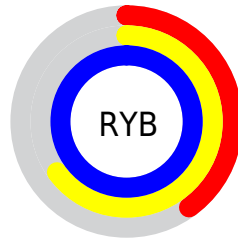
The Hex color **66D6FE** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **FE8E66**, and the grayscale version is **B9B9B9**.

A 20% lighter version of the original color is **A4FFFF**, and **0F9FC5** is the 20% darker color. If you saturate the color by 10%, you get **4DCFFE**, and if you desaturate by 10%, it is **7FDDFE**.

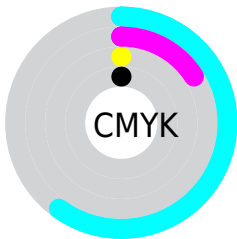
Distribution



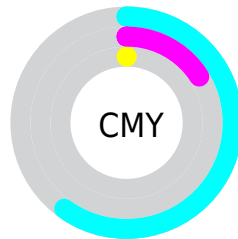
- Red (40%)
- Green (84%)
- Blue (100%)



- Red (40%)
- Yellow (65%)
- Blue (100%)



- Cyan (60%)
- Magenta (16%)
- Yellow (0%)
- Black (0%)



- Cyan (60%)
- Magenta (16%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 66D6FE 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 66D6FE by changing the saturation by 10% instead.

 66D6FE

 66D6FE

FFFFFF

 43BAE1

 A4FFFF

 0F9FC5

 C3FFFF

 0085AA

 E1FFFF

 006C8F

 005376

 003C5D

 002645

 00092F

 000119

■ 66D6FE

■ 66D6FE

■ 4DCFFE

■ 7FDDFE

■ 33C9FE

■ 99E3FE

■ 1AC2FE

■ B2EAFE

■ 00BBFE

■ CCF1FE

■ E5F7FE

FEFEFE

FFFFFFE

Harmonies

Analogous

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



5ADA E3



66D6 FE



93CE FF

Triad

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



66D6FE



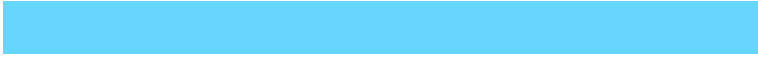
FFB0D0



C3CF8B

Complementary

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



66D6FE



FE8E66

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.



E5C486



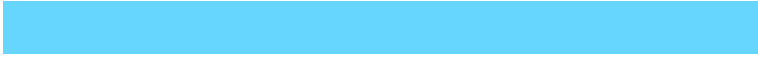
66D6FE



FFB1AE

Square

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



66D6FE



EDB7EF



FFB993



9CD7A1

Rectangle

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



66D6FE



B5C6FF



FFB993



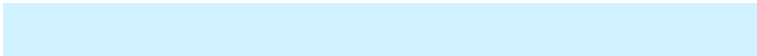
CFCC87

Sweetspot

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



66D6FE



D1F3FF



66FE8C



637880



000000



808080

Same Dimension

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



66D6FE



47CFFF



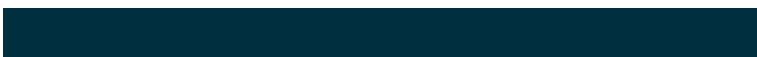
668CFE



737C80



008DBF



002F40

Inverse Universe

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



FE66D6



FF47CF



FED866



80737C



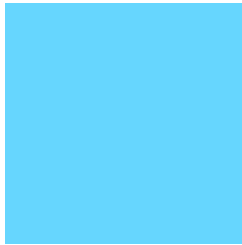
BF008D



40002F

Previews

White Background



This preview shows how the Hex color 66D6FE looks on a white background.

Color Contrast Check

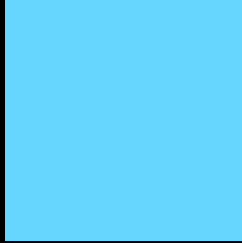
Large Text (above 18pt) WCAG AA × Fail

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 66D6FE 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 66D6FE Background



This preview shows how black text looks on a background with the Hex color 66D6FE.

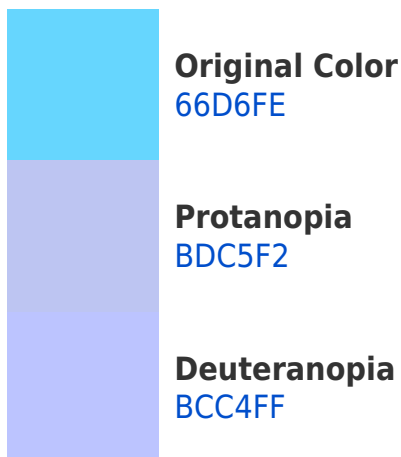


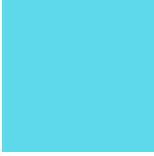
This preview shows how white text looks on a background with the Hex color 66D6FE.

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](#).

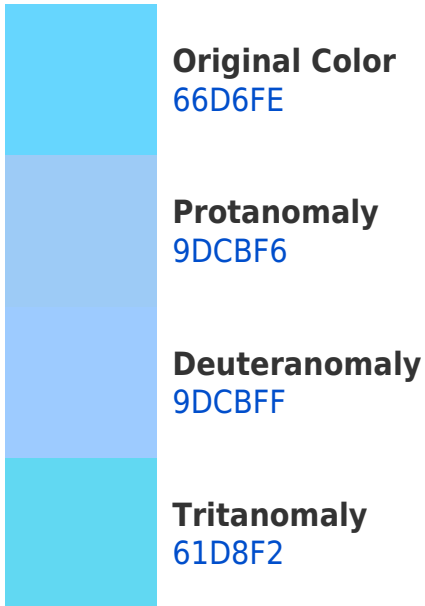
Dichromacy





Tritanopia
5ED9EB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 66D6FE 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 #66D6FE looks like.

```
.text, #text, p{  
    color:#66D6FE  
}
```

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 #66D6FE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #66D6FE
}
```

Border

The CSS property to change the border of an element to Hex 66D6FE 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
#66D6FE }
```

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

```
.border{ border-color:#66D6FE }
```

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

Here you see how a box with a 4 pixel #66D6FE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #66D6FE; -webkit-box-shadow:4px 4px  
4px 4px #66D6FE; box-shadow:4px 4px 4px  
4px #66D6FE }
```

Background

The CSS property to change the background color of an element to Hex 66D6FE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#66D6FE }
```

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

```
.background{ background-color:#66D6FE }
```

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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