

Converting Colors

Hex(66BAFE)

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

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Color

Hex(66BAFE)

Conversions

Conversions Part 1

Format	Color
Hex	66BAFE
RGB	102, 186, 254
RGB Percent	40%, 73%, 100%
CMY	0.6000, 0.2706, 0.0039
CMYK	0.60, 0.27, 0.00, 0.00
HSL	207°, 99%, 70%
HSV	207°, 60%, 100%
XYZ	40.9278, 45.0983, 100.3137
YIQ	168.6360, -71.8920, 3.3400

Conversions

Conversions Part 2

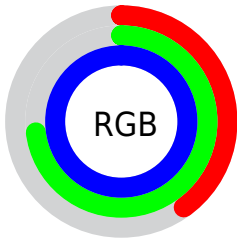
Format	Color
RYB	102, 156, 254
Decimal	6732542
CIELab	72.96, -5.86, -41.24
CIELCh	73, 41.651, 261.906
Yxy	45.0983, 0.2196, 0.2420
Android (android.graphics.Color)	4284922622 (0xFF66BAFE)
YUV	168.6360, 42.0845, -58.4398
Hunter-Lab	67.1553, -8.7350, -41.5561

Details

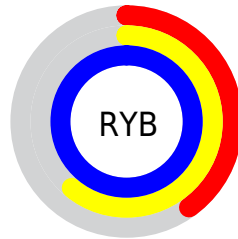
The Hex color **66BAFE** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **FEAA66**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **A3F2FF**, and **1685C5** is the 20% darker color. If you saturate the color by 10%, you get **4DAFFE**, and if you desaturate by 10%, it is **7FC5FE**.

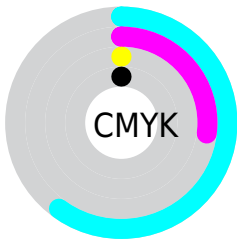
Distribution



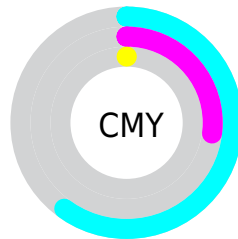
- Red (40%)
- Green (73%)
- Blue (100%)



- Red (40%)
- Yellow (61%)
- Blue (100%)



- Cyan (60%)
- Magenta (27%)
- Yellow (0%)
- Black (0%)



- Cyan (60%)
- Magenta (27%)
- Yellow (0%)

Brightness & Saturation Gradients

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

 66BAFE

 66BAFE

FFFFFF

 449FE1

 A3F2FF

 1685C5

 C2FFFF

 006CAA

 E0FFFF

 00548F


FEFFFF

 003D75

 00285C

 001444

 00032D

 000117

66BAFE

66BAFE

4DAFFE

7FC5FE

33A3FE

99D1FE

1A98FE

B2DCFE

008DFE

CCE7FE

008CFE

E5F3FE

FEFEFE

FFFFFFE

Harmonies

Analogous

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



00C3EE



66BAFE



A8ADFA

Triad

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



66BAFE



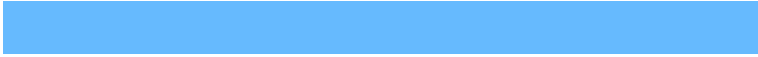
FD9699



83C283

Complementary

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



66BAFE



FEAA66

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.



AFB96B



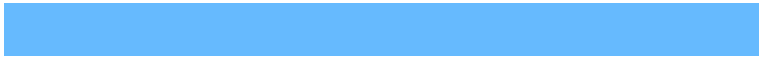
66BAFE



F0A078

Square

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



66BAFE



F696BF



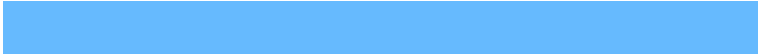
D5AD67



4EC7A7

Rectangle

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



66BAFE



CBA4EC



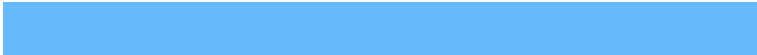
D5AD67



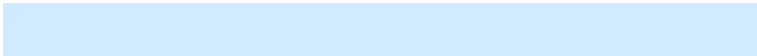
93C079

Sweetspot

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



66BAFE



D1EAFB



66FEA8



637380



000000



808080

Same Dimension

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



66BAFE



47ADFF



6670FE



737A80



006ABF



002340

Inverse Universe

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



FE66BA



FF47AD



FEF466



80737A



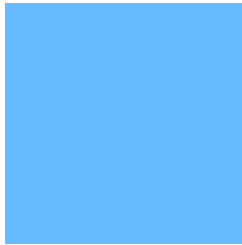
BF006A



400023

Previews

White Background



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

Color Contrast Check

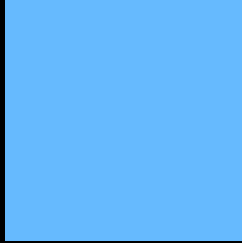
Large Text (above 18pt) WCAG AA × Fail

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 66BAFE looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

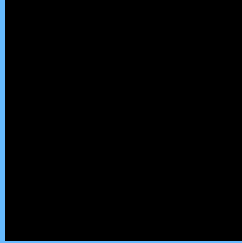
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

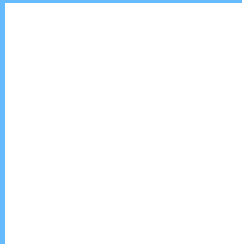
Any Text WCAG AAA ✓ Pass

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

Hex 66BAFE Background



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

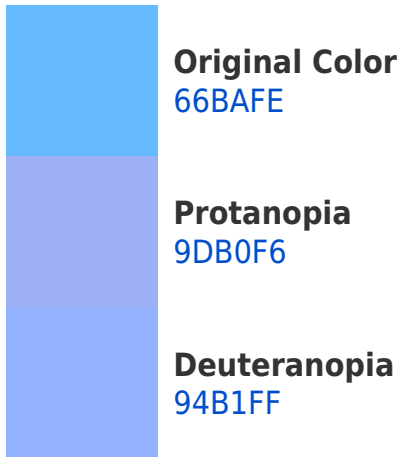


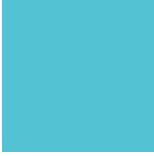
This preview shows how white text looks on a background with the Hex color 66BAFE.

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](#).

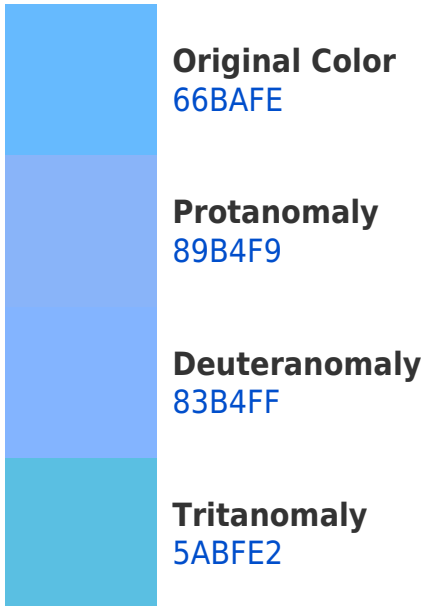
Dichromacy



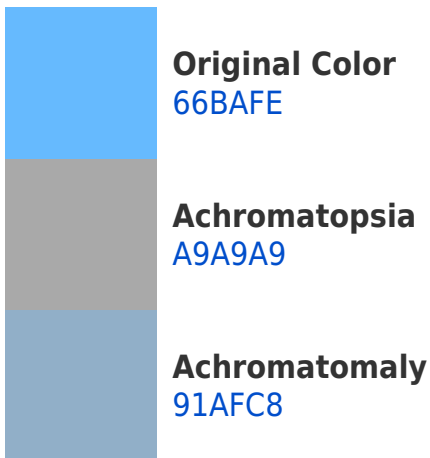


Tritanopia
53C2D2

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #66BAFE colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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