

Converting Colors

Hex(66A4FD)

Have a look what the booklet for
Hex(66A4FD) contains.

Hex(66A4FD)	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(66A4FD)

Conversions

Conversions Part 1

Format	Color
Hex	66A4FD
RGB	102, 164, 253
RGB Percent	40%, 64%, 99%
CMY	0.6000, 0.3569, 0.0078
CMYK	0.60, 0.35, 0.00, 0.01
HSL	215°, 97%, 70%
HSV	215°, 60%, 99%
XYZ	36.4846, 36.4675, 98.0445
YIQ	155.6080, -65.5210, 14.5350

Conversions

Conversions Part 2

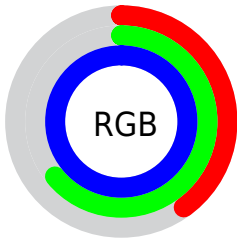
Format	Color
R _Y B	102, 146, 253
Decimal	6726909
CIE Lab	66.88, 6.16, -50.24
CIE LCh	67, 50.617, 276.986
Yxy	36.4675, 0.2134, 0.2133
Android (android.graphics.Color)	4284916989 (0xFF66A4FD)
YUV	155.6080, 48.0143, -47.0142
Hunter-Lab	60.3884, 2.1639, -53.9894

Details

The Hex color **66A4FD** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **FDBF66**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **A3DBFF**, and **1871C4** is the 20% darker color. If you saturate the color by 10%, you get **4D95FD**, and if you desaturate by 10%, it is **7FB3FD**.

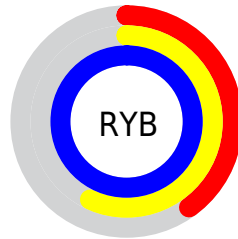
Distribution



Red (40%)

Green (64%)

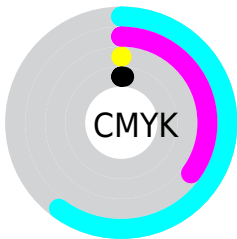
Blue (99%)



Red (40%)

Yellow (57%)

Blue (99%)

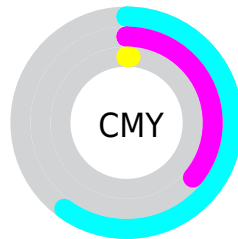


Cyan (60%)

Magenta (35%)

Yellow (0%)

Black (1%)



Cyan (60%)

Magenta (36%)

Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the Hex color 66A4FD 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 66A4FD by changing the saturation by 10% instead.

 66A4FD

 66A4FD

FFFFFF

 458AE0

 A3DBFF

 1871C4

 C1F7FF

 0059A8

 DFFFFF

 00428D

FEFFFF

 002D73

 00195A

 000742

 00032B

 000115

■ 66A4FD

■ 66A4FD

■ 4D95FD

■ 7FB3FD

■ 3386FD

■ 99C2FD

■ 1A77FD

■ B2D1FD

■ 0168FD

■ CBE0FD

■ 0068FD

■ E5EFFD

■ FEFD

■ FFFF

Harmonies

Analogous

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



00B1F6



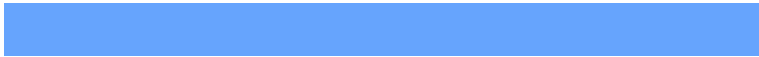
66A4FD



B493EC

Triad

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



66A4FD



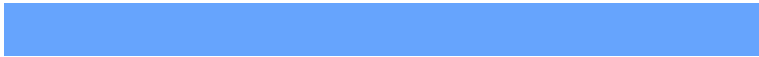
F3836E



40B77D

Complementary

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



66A4FD



FDBF66

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.



83B057



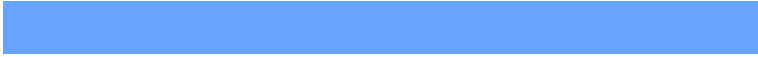
66A4FD



DA944E

Square

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



66A4FD



F77C9A



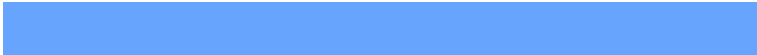
B3A444



00BAAC

Rectangle

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



66A4FD



D787D5



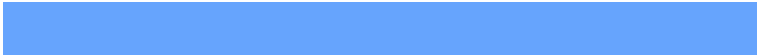
B3A444



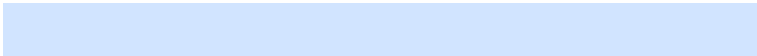
5BB56F

Sweetspot

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



66A4FD



D1E4FF



66FDBE



636F80



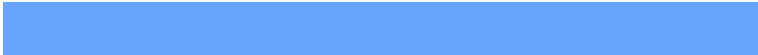
000000



808080

Same Dimension

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



66A4FD



4793FF



7366FD



737880



004FBF



001A40

Inverse Universe

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



FD66A4



FF4793



F0FD66



807378



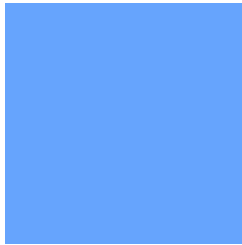
BF004F



40001A

Previews

White Background



This preview shows how the Hex color 66A4FD looks on a white background.

Color Contrast Check

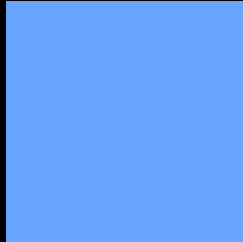
Large Text (above 18pt) WCAG AA × Fail

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 66A4FD looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

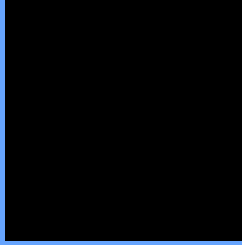
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

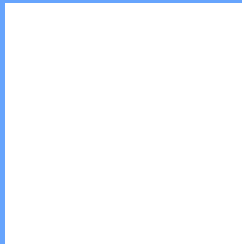
Any Text WCAG AAA ✓ Pass

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

Hex 66A4FD Background



This preview shows how black text looks on a background with the Hex color 66A4FD.



This preview shows how white text looks on a background with the Hex color 66A4FD.

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](#).

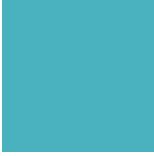
Dichromacy



Original Color
66A4FD

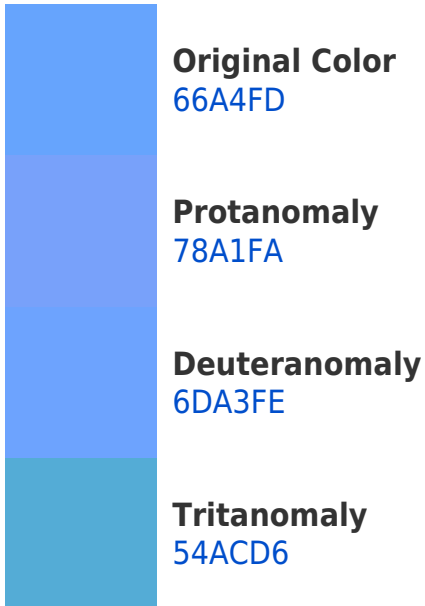
Protanopia
829FF9

Deuteranopia
71A2FE

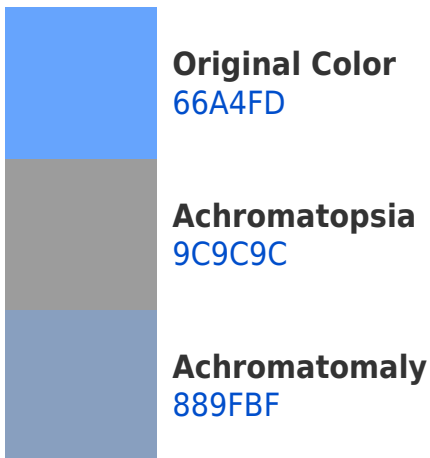


Tritanopia
4AB1BF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 66A4FD 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 #66A4FD looks like.

```
.text, #text, p{  
    color:#66A4FD  
}
```

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 #66A4FD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #66A4FD
}
```

Border

The CSS property to change the border of an element to Hex 66A4FD 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
#66A4FD }
```

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

```
.border{ border-color:#66A4FD }
```

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

Here you see how a box with a 4 pixel #66A4FD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #66A4FD; -webkit-box-shadow:4px 4px  
4px 4px #66A4FD; box-shadow:4px 4px 4px  
4px #66A4FD }
```

Background

The CSS property to change the background color of an element to Hex 66A4FD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#66A4FD }
```

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

```
.background{ background-color:#66A4FD }
```

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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