

Converting Colors

Hex(6EB0FF)

Have a look what the booklet for
Hex(6EB0FF) contains.

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Color

Hex(6EB0FF)

Conversions

Conversions Part 1

Format	Color
Hex	6EB0FF
RGB	110, 176, 255
RGB Percent	43%, 69%, 100%
CMY	0.5686, 0.3098, 0.0000
CMYK	0.57, 0.31, 0.00, 0.00
HSL	213°, 100%, 72%
HSV	213°, 57%, 100%
XYZ	40.0057, 41.5857, 100.5260
YIQ	165.2720, -64.6950, 10.5770

Conversions

Conversions Part 2

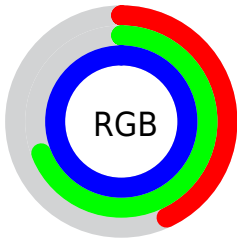
Format	Color
RYB	110, 155, 255
Decimal	7254271
CIELab	70.58, 1.50, -45.46
CIElCh	71, 45.488, 271.895
Yxy	41.5857, 0.2197, 0.2283
Android (android.graphics.Color)	4285444351 (0xFF6EB0FF)
YUV	165.2720, 44.2359, -48.4735
Hunter-Lab	64.4869, -2.1162, -47.2839

Details

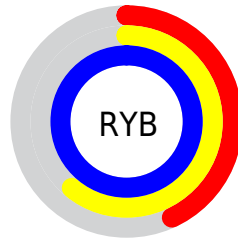
The Hex color **6EB0FF** is a light color, and the websafe version is hex **3399FF**. A complement of this color would be **FFBD6E**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **AAE7FF**, and **287CC6** is the 20% darker color. If you saturate the color by 10%, you get **55A2FF**, and if you desaturate by 10%, it is **88BEFF**.

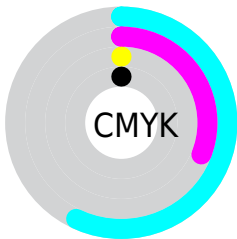
Distribution



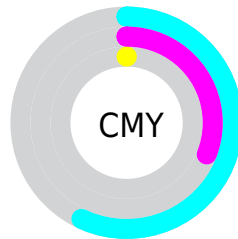
- Red (43%)
- Green (69%)
- Blue (100%)



- Red (43%)
- Yellow (61%)
- Blue (100%)



- Cyan (57%)
- Magenta (31%)
- Yellow (0%)
- Black (0%)



- Cyan (57%)
- Magenta (31%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6EB0FF 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 6EB0FF by changing the saturation by 10% instead.

 6EB0FF

 6EB0FF

FFFFFF

 4E95E2

 AAE7FF

 287CC6

 C8FFFF

 0063AA

 E6FFFF

 004C8F

 003675

 00215C

 000844

 00032D

 000118

 6EB0FF

 6EB0FF

 55A2FF

 88BEFF

 3B94FF

 A1CCFF

 2186FF

 BBDAFF

 0878FF

 D4E8FF

 0074FF

 EE55FF

FFFFFF

Harmonies

Analogous

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



00BBF5



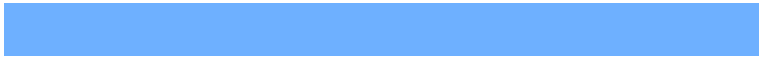
6EB0FF



B4A1F3

Triad

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



6EB0FF



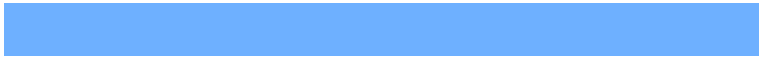
F98F83



65BF84

Complementary

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



6EB0FF



FFBD6E

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.



99B764



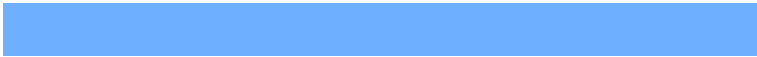
6EB0FF



E59C64

Square

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



6EB0FF



F98BAC



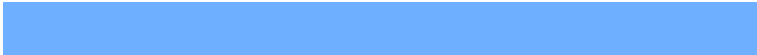
C4AB58



00C2AE

Rectangle

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



6EB0FF



D597E0



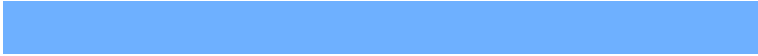
C4AB58



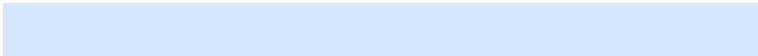
78BD78

Sweetspot

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



6EB0FF



D4E7FF



6EFFBB



667280



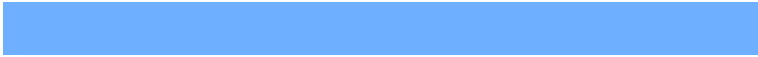
000000



808080

Same Dimension

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



6EB0FF



52A1FF



736EFF



737980



0057BF



001D40

Inverse Universe

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



FF6EB0



FF52A1



FAFF6E



807379



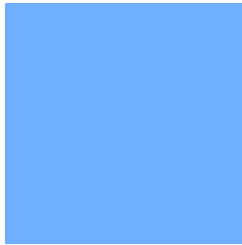
BF0057



40001D

Previews

White Background



This preview shows how the Hex color 6EB0FF looks on a white background.

Color Contrast Check

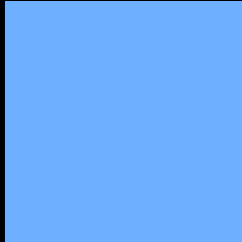
Large Text (above 18pt) WCAG AA × Fail

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 6EB0FF 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

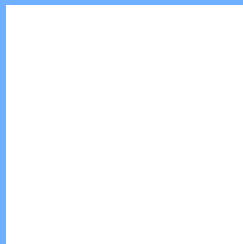
Any Text WCAG AAA ✓ Pass

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

Hex 6EB0FF Background



This preview shows how black text looks on a background with the Hex color 6EB0FF.



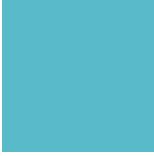
This preview shows how white text looks on a background with the Hex color 6EB0FF.

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](#).

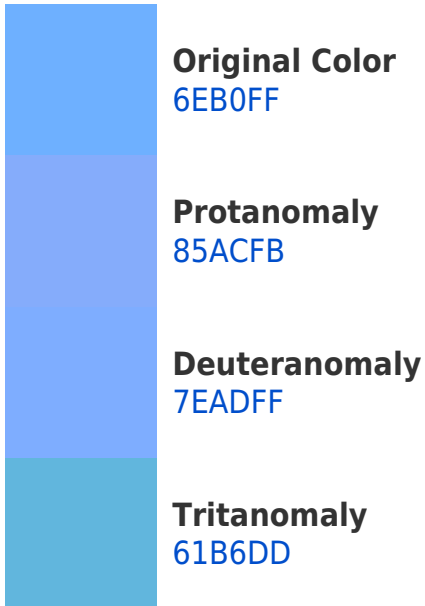
Dichromacy



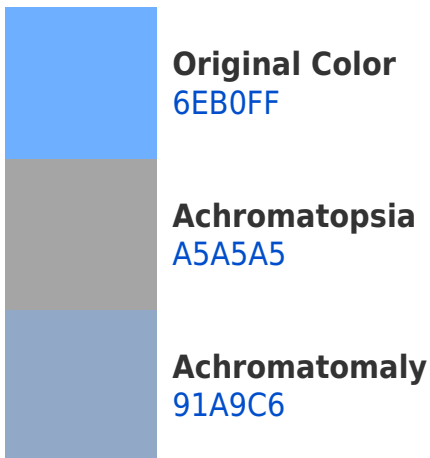


Tritanopia
59BAC9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6EB0FF 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 #6EB0FF looks like.

```
.text, #text, p{  
    color:#6EB0FF  
}
```

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 #6EB0FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6EB0FF
}
```

Border

The CSS property to change the border of an element to Hex 6EB0FF 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
#6EB0FF }
```

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

```
.border{ border-color:#6EB0FF }
```

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

Here you see how a box with a 4 pixel #6EB0FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6EB0FF; -webkit-box-shadow:4px 4px  
4px 4px #6EB0FF; box-shadow:4px 4px 4px  
4px #6EB0FF }
```

Background

The CSS property to change the background color of an element to Hex 6EB0FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6EB0FF }
```

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

```
.background{ background-color:#6EB0FF }
```

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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