

Converting Colors

Hex(61B3FF)

Have a look what the booklet for
Hex(61B3FF) contains.

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Color

Hex(61B3FF)

Conversions

Conversions Part 1

Format	Color
Hex	61B3FF
RGB	97, 179, 255
RGB Percent	38%, 70%, 100%
CMY	0.6196, 0.2980, 0.0000
CMYK	0.62, 0.30, 0.00, 0.00
HSL	209°, 100%, 69%
HSV	209°, 62%, 100%
XYZ	39.0999, 42.0016, 100.6541
YIQ	163.1460, -73.2680, 6.2520

Conversions

Conversions Part 2

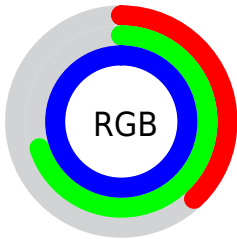
Format	Color
R _Y B	97, 151, 255
Decimal	6403071
CIE Lab	70.87, -2.59, -45.05
CIE LCh	71, 45.124, 266.715
Yxy	42.0016, 0.2151, 0.2311
Android (android.graphics.Color)	4284593151 (0xFF61B3FF)
YUV	163.1460, 45.2840, -58.0100
Hunter-Lab	64.8086, -5.7238, -46.7171

Details

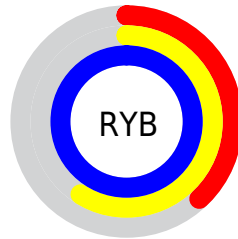
The Hex color **61B3FF** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **FFAD61**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **9FEBFF**, and **007FC6** is the 20% darker color. If you saturate the color by 10%, you get **47A7FF**, and if you desaturate by 10%, it is **7ABFFF**.

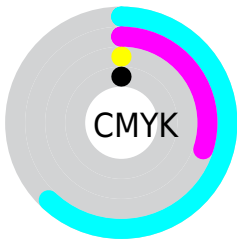
Distribution



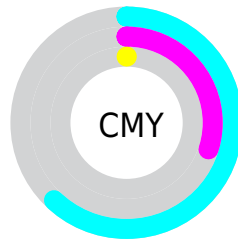
- Red (38%)
- Green (70%)
- Blue (100%)



- Red (38%)
- Yellow (59%)
- Blue (100%)



- Cyan (62%)
- Magenta (30%)
- Yellow (0%)
- Black (0%)



- Cyan (62%)
- Magenta (30%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 61B3FF 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 61B3FF by changing the saturation by 10% instead.

 61B3FF

 61B3FF

FFFFFF

 3E98E2

 9FEBFF

 007FC6

 BEFFFF

 0066AA

 DCFFFF

 004E8F

 FBFFFF

 003875

 00235C

 000C44

 00032D

 000118

■ 61B3FF

■ 61B3FF

■ 47A7FF

■ 7ABFFF

■ 2E9AFF

■ 94CCFF

■ 148EFF

■ AED8FF

■ 0084FF

■ C7E4FF

■ E1F0FF

■ FAFDFF

FFFFFF

Harmonies

Analogous

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



00BDF1



61B3FF



AAA4F7

Triad

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



61B3FF



FB8F8B



70BE7F

Complementary

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



61B3FF



FFAD61

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.



A2B662



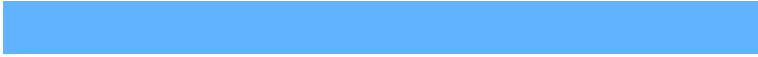
61B3FF



EA9B6A

Square

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



61B3FF



F78CB4



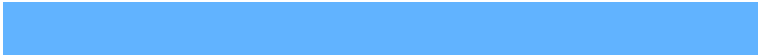
CBAA5A



25C2A7

Rectangle

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



61B3FF



CE9AE6



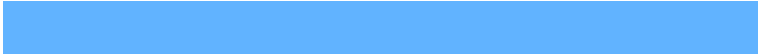
CBA A5A



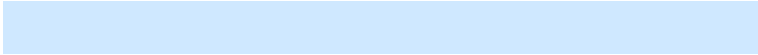
82BC73

Sweetspot

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



61B3FF



CFE8FF



61FFAB



627180



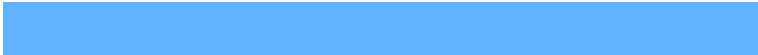
000000



808080

Same Dimension

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



61B3FF



42A4FF



6166FF



737980



0063BF



002140

Inverse Universe

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



FF61B3



FF42A4



FFFA61



807379



BF0063



400021

Previews

White Background



This preview shows how the Hex color 61B3FF looks on a white background.

Color Contrast Check

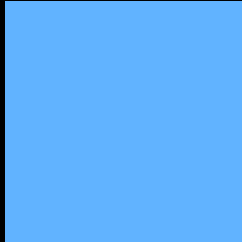
Large Text (above 18pt) WCAG AA × Fail

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 61B3FF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

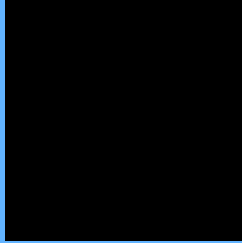
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

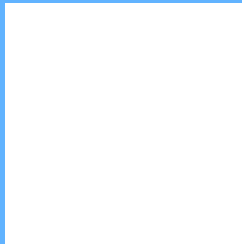
Any Text WCAG AAA ✓ Pass

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

Hex 61B3FF Background



This preview shows how black text looks on a background with the Hex color 61B3FF.

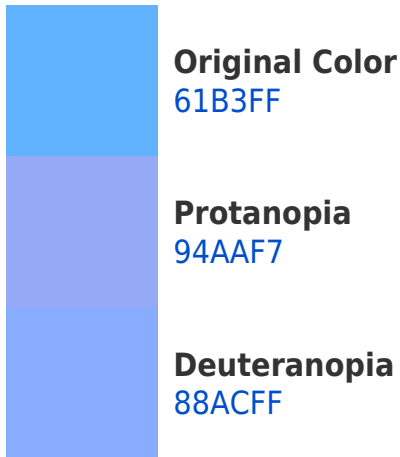


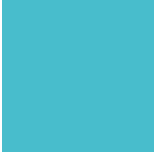
This preview shows how white text looks on a background with the Hex color 61B3FF.

Color Blindness Simulation

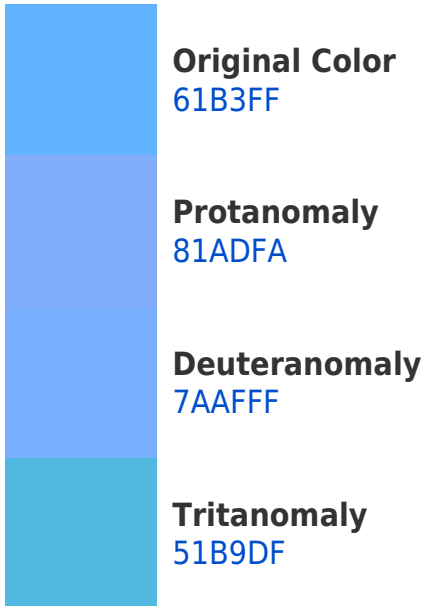
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

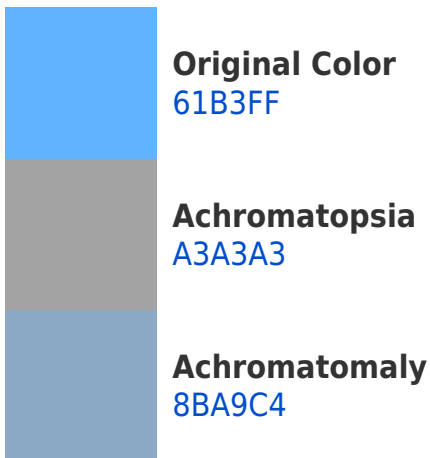




Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 61B3FF 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 #61B3FF looks like.

```
.text, #text, p{  
    color:#61B3FF  
}
```

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 #61B3FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #61B3FF
}
```

Border

The CSS property to change the border of an element to Hex 61B3FF 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
#61B3FF }
```

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

```
.border{ border-color:#61B3FF }
```

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

Here you see how a box with a 4 pixel #61B3FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #61B3FF; -webkit-box-shadow:4px 4px  
4px 4px #61B3FF; box-shadow:4px 4px 4px  
4px #61B3FF }
```

Background

The CSS property to change the background color of an element to Hex 61B3FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#61B3FF }
```

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

```
.background{ background-color:#61B3FF }
```

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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