

# Converting Colors

Hex(60B7FF)

Have a look what the booklet for  
Hex(60B7FF) contains.

|  |    |
|--|----|
| <b>Hex(60B7FF)</b> .....                       | 3  |
| <i><b>Conversions</b></i> .....                | 4  |
| <i><b>Details</b></i> .....                    | 6  |
| <i><b>Harmonies</b></i> .....                  | 11 |
| <i><b>Previews</b></i> .....                   | 23 |
| <i><b>Color Blindness Simulation</b></i> ..... | 26 |
| <i><b>CSS Examples</b></i> .....               | 29 |

# **Color**

**Hex(60B7FF)**

# Conversions

## Conversions Part 1

| Format      | Color                      |
|-------------|----------------------------|
| Hex         | 60B7FF                     |
| RGB         | 96, 183, 255               |
| RGB Percent | 38%, 72%, 100%             |
| CMY         | 0.6235, 0.2824, 0.0000     |
| CMYK        | 0.62, 0.28, 0.00, 0.00     |
| HSL         | 207°, 100%, 69%            |
| HSV         | 207°, 62%, 100%            |
| XYZ         | 39.8074, 43.5738, 100.9202 |
| YIQ         | 165.1950, -74.9640, 3.9480 |

# Conversions

## Conversions Part 2

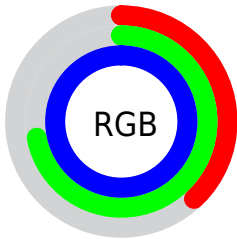
| Format                              | Color                          |
|-------------------------------------|--------------------------------|
| R <sub>Y</sub> B                    | 96, 152, 255                   |
| Decimal                             | 6338559                        |
| CIE Lab                             | 71.94, -4.97, -43.38           |
| CIE LCh                             | 72, 43.659, 263.462            |
| Yxy                                 | 43.5738, 0.2160,<br>0.2364     |
| Android<br>(android.graphics.Color) | 4284528639<br>(0xFF60B7FF)     |
| YUV                                 | 165.1950, 44.2739,<br>-60.6840 |
| Hunter-Lab                          | 66.0104, -7.8745,<br>-44.4384  |

# Details

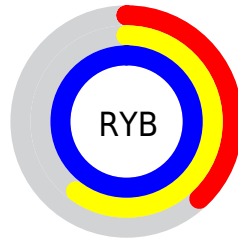
The Hex color **60B7FF** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **FFA860**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **9FEFFF**, and **0082C6** is the 20% darker color. If you saturate the color by 10%, you get **47ABFF**, and if you desaturate by 10%, it is **7AC3FF**.

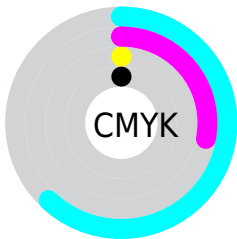
# Distribution



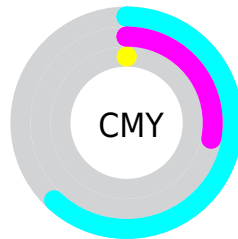
- Red (38%)
- Green (72%)
- Blue (100%)



- Red (38%)
- Yellow (60%)
- Blue (100%)



- Cyan (62%)
- Magenta (28%)
- Yellow (0%)
- Black (0%)



- Cyan (62%)
- Magenta (28%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 60B7FF 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 60B7FF by changing the saturation by 10% instead.



 60B7FF

 60B7FF

FFFFFF

 3D9CE2

 9FEFFF

 0082C6

 BDFFFF

 0069AA

 DBFFFF

 005190

 FAFFFF

 003B76

 00265C

 001144

 00032D

 000118

■ 60B7FF

■ 60B7FF

■ 47ABFF

■ 7AC3FF

■ 2DA0FF

■ 93CEFF

■ 1494FF

■ ADDAFF

■ 008CFF

■ C6E5FF

■ E0F1FF

■ F9FCFF

FFFFFF

# Harmonies

## Analogous

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



00C0EF



60B7FF



A7A9F9

# Triad

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



60B7FF



FD9293



7BC07F

# Complementary

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



60B7FF



FFA860

# 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.



AAB865



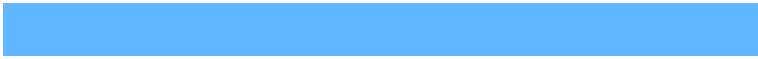
60B7FF



EF9D72

# Square

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



60B7FF



F791BB



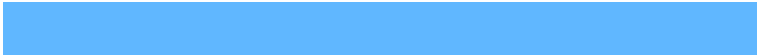
D1AB60



3EC5A6

# Rectangle

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



60B7FF



CB9FEA



D1AB60



8CBE75

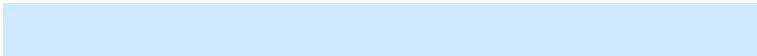


# Sweetspot

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



60B7FF



CFE9FF



60FFA8



627280



000000

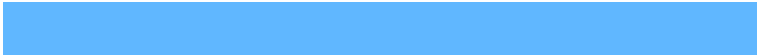


808080



# Same Dimension

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



60B7FF



40A8FF



6068FF



737A80



0069BF



002340



# Inverse Universe

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



FF60B7



FF40A8



FFF760



80737A



BF0069

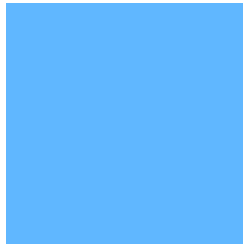


400023



# Previews

## White Background



This preview shows how the Hex color 60B7FF looks on a white background.

## Color Contrast Check

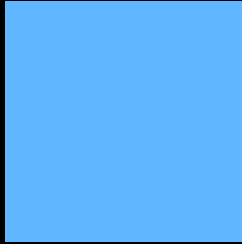
Large Text (above 18pt) WCAG AA × Fail

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 60B7FF 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

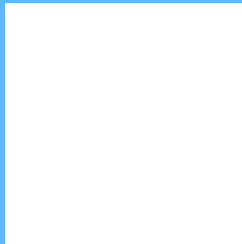
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 60B7FF Background



This preview shows how black text looks on a background with the Hex color 60B7FF.

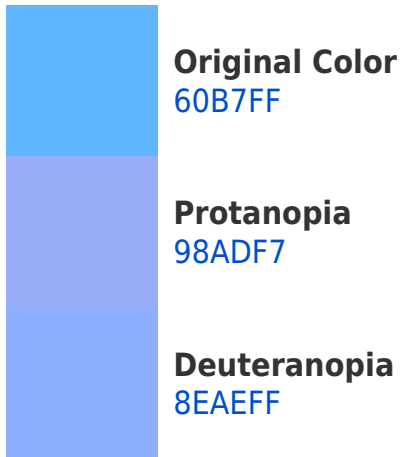


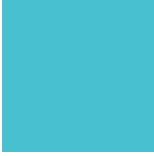
This preview shows how white text looks on a background with the Hex color 60B7FF.

# 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](#).

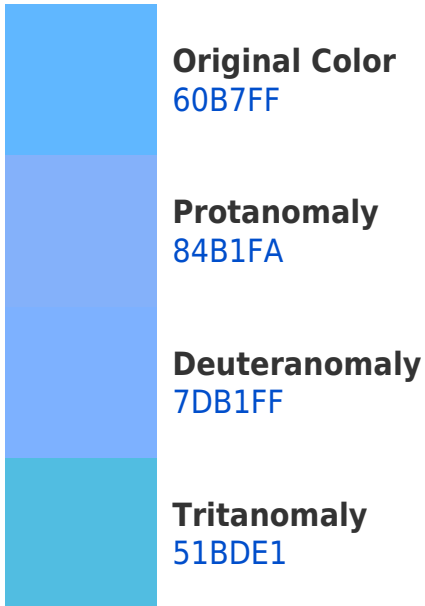
## Dichromacy



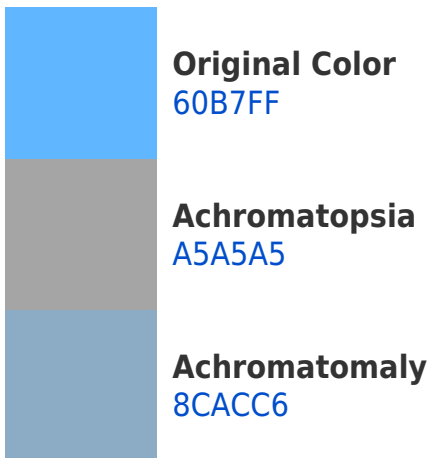


**Tritanopia**  
49C0D0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 60B7FF 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 #60B7FF looks like.

```
.text, #text, p{  
    color:#60B7FF  
}
```

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 #60B7FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #60B7FF
}
```

## Border

The CSS property to change the border of an element to Hex 60B7FF 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
#60B7FF }
```

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

```
.border{ border-color:#60B7FF }
```

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

Here you see how a box with a 4 pixel #60B7FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #60B7FF; -webkit-box-shadow:4px 4px  
4px 4px #60B7FF; box-shadow:4px 4px 4px  
4px #60B7FF }
```

# Background

The CSS property to change the background color of an element to Hex 60B7FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#60B7FF }
```

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

```
.background{ background-color:#60B7FF }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor