

# Converting Colors

Hex(61C9FF)

Have a look what the booklet for  
Hex(61C9FF) contains.

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# **Color**

**Hex(61C9FF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	61C9FF
RGB	97, 201, 255
RGB Percent	38%, 79%, 100%
CMY	0.6196, 0.2118, 0.0000
CMYK	0.62, 0.21, 0.00, 0.00
HSL	201°, 100%, 69%
HSV	201°, 62%, 100%
XYZ	43.8664, 51.5347, 102.2429
YIQ	176.0600, -79.3180, -5.2540

# Conversions

## Conversions Part 2

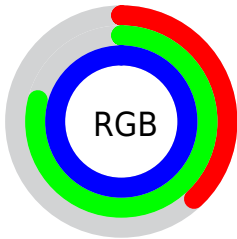
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	97, 160, 255
Decimal	6408703
CIE Lab	77.00, -14.47, -35.50
CIE LCh	77, 38.337, 247.822
Yxy	51.5347, 0.2219, 0.2607
Android (android.graphics.Color)	4284598783 (0xFF61C9FF)
YUV	176.0600, 38.9174, -69.3356
Hunter-Lab	71.7877, -16.5546, -34.1919

# Details

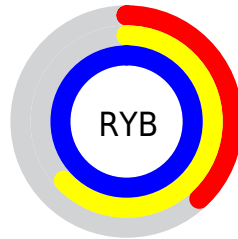
The Hex color **61C9FF** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **FF9761**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **A0FFFF**, and **0093C6** is the 20% darker color. If you saturate the color by 10%, you get **47C0FF**, and if you desaturate by 10%, it is **7AD2FF**.

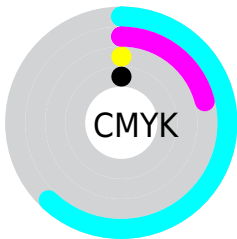
# Distribution



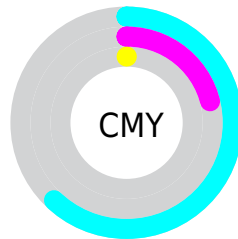
- Red (38%)
- Green (79%)
- Blue (100%)



- Red (38%)
- Yellow (63%)
- Blue (100%)



- Cyan (62%)
- Magenta (21%)
- Yellow (0%)
- Black (0%)



- Cyan (62%)
- Magenta (21%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 61C9FF 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 61C9FF by changing the saturation by 10% instead.




 61C9FF

 61C9FF

FFFFFF

 3DAEE2

 A0FFFF

 0093C6

 BEFFFF

 0079AB

 DDFFFF

 006190

 FCFFFF

 004976

 00325D

 001E45

 00042F

 000119

■ 61C9FF

■ 61C9FF

■ 47C0FF

■ 7AD2FF

■ 2EB8FF

■ 94DAFF

■ 14AFFF

■ AEE3FF

■ 00A8FF

■ C7ECFF

■ E1F5FF

■ FAFDFF

FFFFFF

# Harmonies

## Analogous

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



38CFE8



61C9FF



9BBEFF

# Triad

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



61C9FF



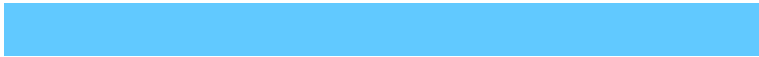
FFA3B6



A6C985

# Complementary

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



61C9FF



FF9761

# 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.



CDBF77



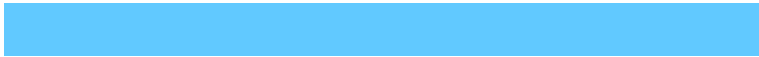
61C9FF



FFA894

# Square

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



61C9FF



F3A7DA



ECB37D



7BCFA2

# Rectangle

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



61C9FF



BFB6FD



ECB37D



B4C67E

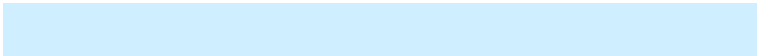


# Sweetspot

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



61C9FF



CFE EFF



61FF96



627580



000000



808080



# Same Dimension

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



61C9FF



42BFFF



617BFF



737B80



007EBF



002A40



# Inverse Universe

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



FF61C9



FF42BF



FFE561



80737B



BF007E

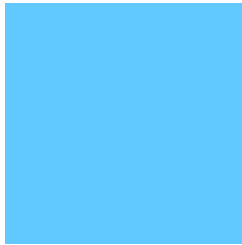


40002A



# Previews

## White Background



This preview shows how the Hex color 61C9FF looks on a white background.

## Color Contrast Check

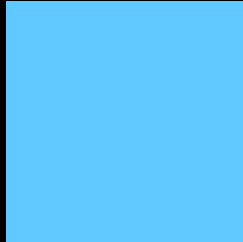
Large Text (above 18pt) WCAG AA × Fail

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 61C9FF looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

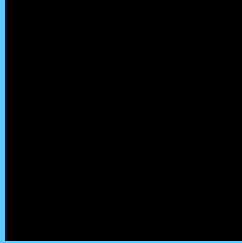
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

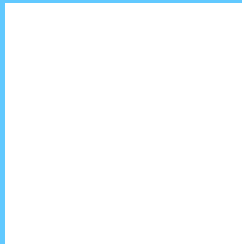
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 61C9FF Background



This preview shows how black text looks on a background with the Hex color 61C9FF.

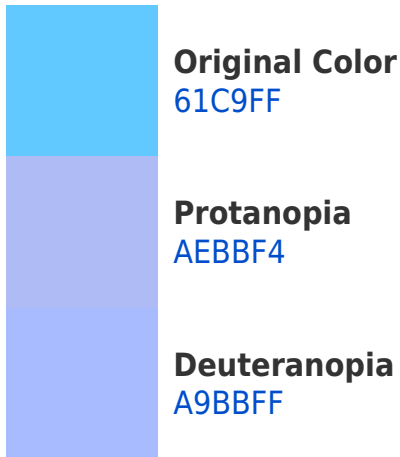


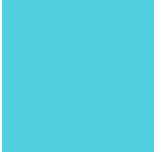
This preview shows how white text looks on a background with the Hex color 61C9FF.

# Color Blindness Simulation

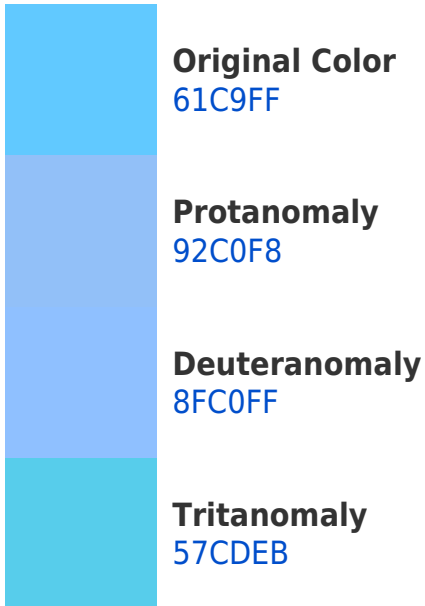
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

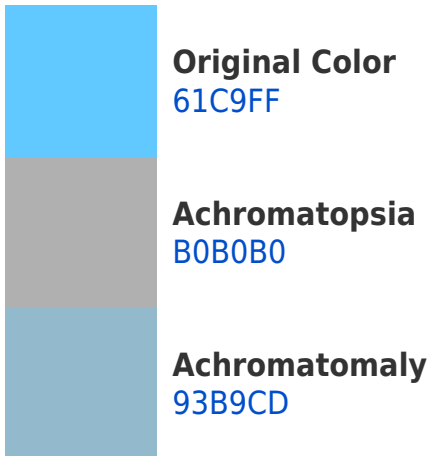




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 61C9FF 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 #61C9FF looks like.

```
.text, #text, p{  
    color:#61C9FF  
}
```

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 #61C9FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #61C9FF  
}
```

## Border

The CSS property to change the border of an element to Hex 61C9FF 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  
#61C9FF }
```

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

```
.border{ border-color:#61C9FF }
```

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

Here you see how a box with a 4 pixel #61C9FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #61C9FF; -webkit-box-shadow:4px 4px  
4px 4px #61C9FF; box-shadow:4px 4px 4px  
4px #61C9FF }
```

# Background

The CSS property to change the background color of an element to Hex 61C9FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#61C9FF }
```

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

```
.background{ background-color:#61C9FF }
```

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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