

# Converting Colors

Hex(63BFFF)

Have a look what the booklet for  
Hex(63BFFF) contains.

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# **Color**

**Hex(63BFFF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	63BFFF
RGB	99, 191, 255
RGB Percent	39%, 75%, 100%
CMY	0.6118, 0.2510, 0.0000
CMYK	0.61, 0.25, 0.00, 0.00
HSL	205°, 100%, 69%
HSV	205°, 61%, 100%
XYZ	41.8264, 47.1343, 101.5011
YIQ	170.7880, -75.3760, 0.4000

# Conversions

## Conversions Part 2

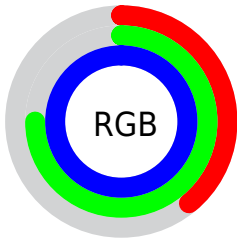
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	99, 157, 255
Decimal	6537215
CIE Lab	74.28, -8.81, -39.73
CIE LCh	74, 40.691, 257.501
Yxy	47.1343, 0.2196, 0.2475
Android (android.graphics.Color)	4284727295 (0xFF63BFFF)
YUV	170.7880, 41.5165, -62.9581
Hunter-Lab	68.6544, -11.3974, -39.5984

# Details

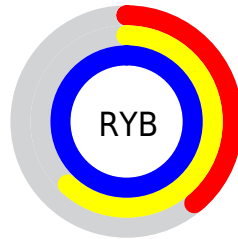
The Hex color **63BFFF** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **FFA363**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **A1F7FF**, and **088AC6** is the 20% darker color. If you saturate the color by 10%, you get **49B5FF**, and if you desaturate by 10%, it is **7CC9FF**.

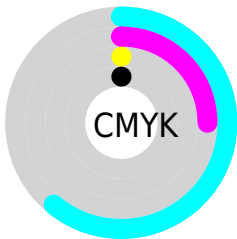
# Distribution



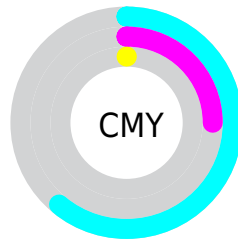
- Red (39%)
- Green (75%)
- Blue (100%)



- Red (39%)
- Yellow (62%)
- Blue (100%)



- Cyan (61%)
- Magenta (25%)
- Yellow (0%)
- Black (0%)



- Cyan (61%)
- Magenta (25%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 63BFFF 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 63BFFF by changing the saturation by 10% instead.



 63BFFF

 63BFFF

FFFFFF

 40A4E2

 A1F7FF

 088AC6

 BFFFFFF

 0070AA

 DEFFFF

 005890

FDFFFF

 004176

 002B5D

 001845

 00042E

 000118

■ 63BFFF

■ 63BFFF

■ 49B5FF

■ 7CC9FF

■ 30AAFF

■ 96D4FF

■ 16A0FF

■ B0DEFF

■ 0096FF

■ C9E9FF

■ E3F3FF

■ FCFEFF

FFFFFF

# Harmonies

## Analogous

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



13C7ED



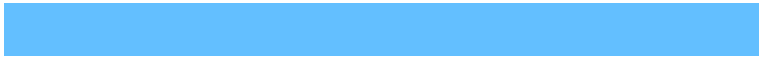
63BFFF



A4B3FE

# Triad

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



63BFFF



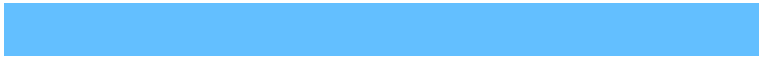
FF9AA2



8FC483

# Complementary

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



63BFFF



FFA363

# 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.



B9BB6E



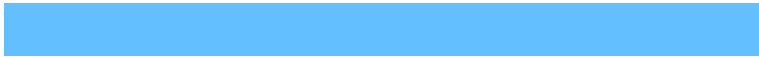
63BFFF



F6A281

# Square

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



63BFFF



F59BC8



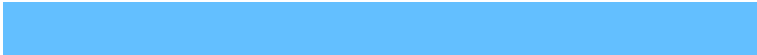
DDAF6E



5ECAA5

# Rectangle

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



63BFFF



C7A9F2



DDAF6E

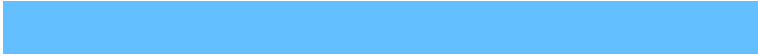


9EC27A

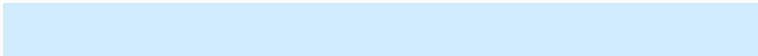


# Sweetspot

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



63BFFF



D1ECFF



63FFA1



637480



000000



808080



# Same Dimension

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



63BFFF



45B3FF



6373FF



737A80



0071BF



002640



# Inverse Universe

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



FF63BF



FF45B3



FFEF63



80737A



BF0071

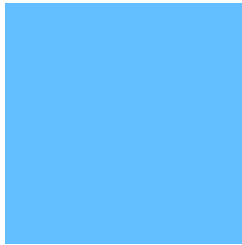


400026



# Previews

## White Background



This preview shows how the Hex color 63BFFF looks on a white background.

## Color Contrast Check

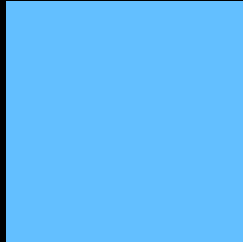
Large Text (above 18pt) WCAG AA × Fail

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 63BFFF 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

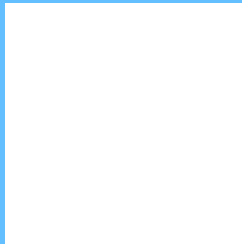
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 63BFFF Background



This preview shows how black text looks on a background with the Hex color 63BFFF.

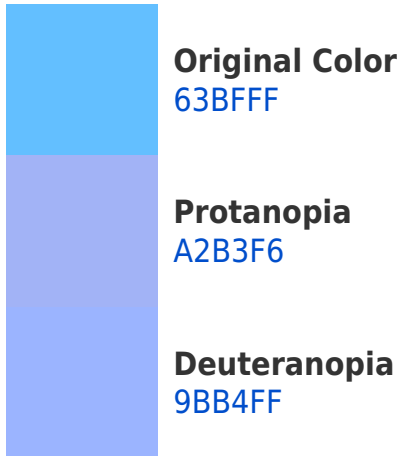


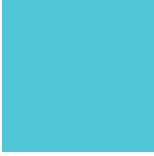
This preview shows how white text looks on a background with the Hex color 63BFFF.

# 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



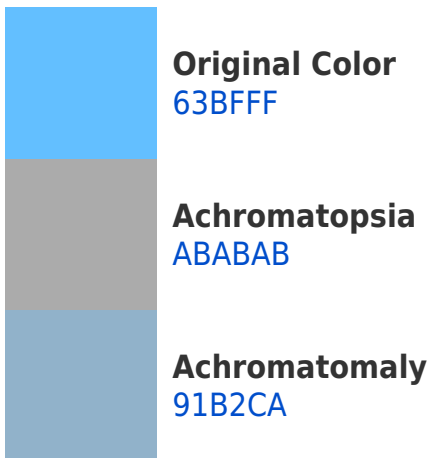


**Tritanopia**  
50C6D7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 63BFFF 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 #63BFFF looks like.

```
.text, #text, p{  
    color:#63BFFF  
}
```

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 #63BFFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #63BFFF }  
}
```

## Border

The CSS property to change the border of an element to Hex 63BFFF 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 #63BFFF }  
}
```

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

```
.border{ border-color:#63BFFF }
```

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

Here you see how a box with a 4 pixel #63BFFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #63BFFF; -webkit-box-shadow:4px 4px  
4px 4px #63BFFF; box-shadow:4px 4px 4px  
4px #63BFFF }
```

# Background

The CSS property to change the background color of an element to Hex 63BFFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#63BFFF }
```

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

```
.background{ background-color:#63BFFF }
```

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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