

# Converting Colors

Hex(63ECFF)

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

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# **Color**

**Hex(63ECFF)**

# Conversions

## Conversions Part 1

| Format      | Color                        |
|-------------|------------------------------|
| Hex         | 63ECFF                       |
| RGB         | 99, 236, 255                 |
| RGB Percent | 39%, 93%, 100%               |
| CMY         | 0.6118, 0.0745, 0.0000       |
| CMYK        | 0.61, 0.07, 0.00, 0.00       |
| HSL         | 187°, 100%, 69%              |
| HSV         | 187°, 61%, 100%              |
| XYZ         | 53.1910, 69.8636, 105.2893   |
| YIQ         | 197.2030, -87.7510, -23.1350 |

# Conversions

## Conversions Part 2

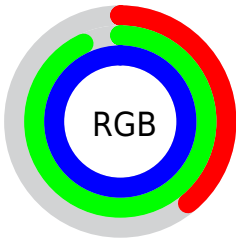
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| <b>RYB</b>                          | 99, 172, 255                   |
| Decimal                             | 6548735                        |
| CIELab                              | 86.93, -31.63, -20.31          |
| CIELCh                              | 87, 37.586, 212.708            |
| Yxy                                 | 69.8636, 0.2329,<br>0.3060     |
| Android<br>(android.graphics.Color) | 4284738815<br>(0xFF63ECFF)     |
| YUV                                 | 197.2030, 28.4939,<br>-86.1240 |
| Hunter-Lab                          | 83.5844, -32.6798,<br>-16.1771 |

# Details

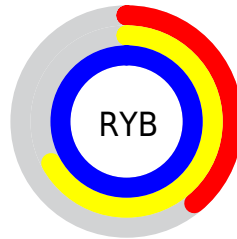
The Hex color **63ECFF** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **FF7663**, and the grayscale version is **C5C5C5**.

A 20% lighter version of the original color is **A3FFFF**, and **00B4C6** is the 20% darker color. If you saturate the color by 10%, you get **49E9FF**, and if you desaturate by 10%, it is **7CEFFF**.

# Distribution



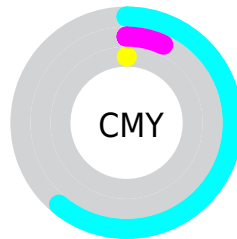
- Red (39%)
- Green (93%)
- Blue (100%)



- Red (39%)
- Yellow (67%)
- Blue (100%)



- Cyan (61%)
- Magenta (7%)
- Yellow (0%)
- Black (0%)



- Cyan (61%)
- Magenta (7%)
- Yellow (0%)

# Brightness & Saturation Gradients

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



 63ECFF

 63ECFF

FFFFFF

 3ED0E2

 A3FFFF

 00B4C6

 C2FFFF

 0099AB

 E1FFFF

 007E90

 006577

 004C5E

 003546

 002230

 00011B

 63ECFF

 63ECFF

 49E9FF

 7CEFFF

 30E6FF

 96F2FF

 16E3FF

 B0F5FF

 00E0FF

 C9F8FF

 E3FCFF

 FCFFFF

 FFFFFFFF

# Harmonies

## Analogous

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



77EDDC



63ECFF



7CE6FF

# Triad

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



63ECFF



FFC4FB



EFD992

# Complementary

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



63ECFF



FF7663

# 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.



FFCC9B



63ECFF



FFBFD8

# Square

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



63ECFF



E3CFFF



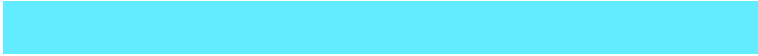
FFC2B5



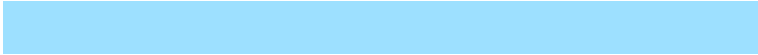
C9E39D

# Rectangle

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



63ECFF



9DE0FF



FFC2B5

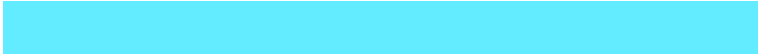


FBD493

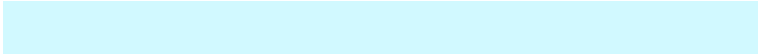


# Sweetspot

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



63ECFF



D1F9FF



63FF75



637C80



000000



808080

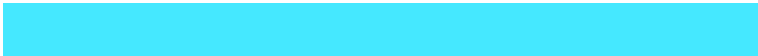


# Same Dimension

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



63ECFF



45E8FF



639FFF



737E80



00A8BF



003840



# Inverse Universe

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



FF63EC



FF45E8



FFC363



80737E



BF00A8

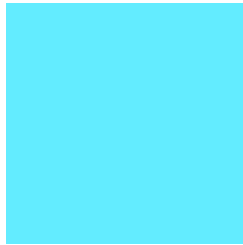


400038



# Previews

## White Background



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

## Color Contrast Check

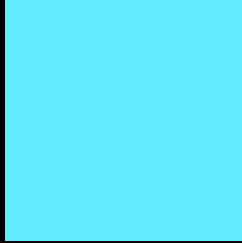
Large Text (above 18pt) WCAG AA × Fail

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 63ECFF 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 63ECFF Background



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

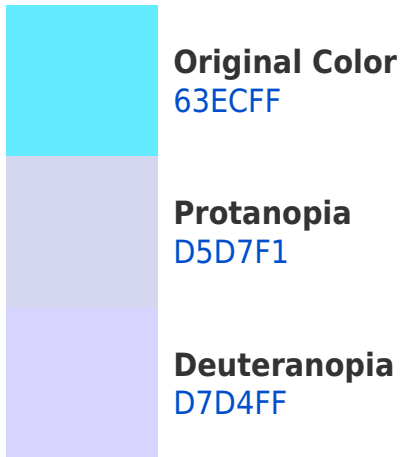


This preview shows how white text looks on a background with the Hex color 63ECFF.

# 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**  
64ECFF

# Trichromacy



**Original Color**  
63ECFF



**Protanomaly**  
ACDFF6



**Deuteranomaly**  
ADDDFF

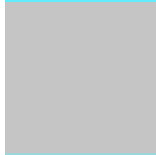


**Tritanomaly**  
64ECFF

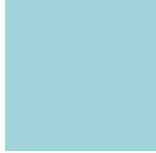
# Monochromacy



**Original Color**  
63ECFF



**Achromatopsia**  
C5C5C5



**Achromatomaly**  
A1D3DA

# CSS Examples

## Text

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

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

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 #63ECFF colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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