

# Converting Colors

Hex(63E1FF)

Have a look what the booklet for  
Hex(63E1FF) contains.

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# **Color**

**Hex(63E1FF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	63E1FF
RGB	99, 225, 255
RGB Percent	39%, 88%, 100%
CMY	0.6118, 0.1176, 0.0000
CMYK	0.61, 0.12, 0.00, 0.00
HSL	192°, 100%, 69%
HSV	192°, 61%, 100%
XYZ	50.1208, 63.7231, 104.2659
YIQ	190.7460, -84.7260, -17.3820

# Conversions

## Conversions Part 2

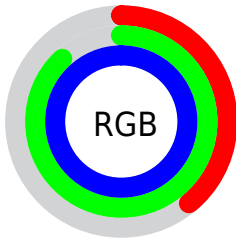
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	99, 169, 255
Decimal	6545919
CIE <sub>Lab</sub>	83.82, -26.31, -25.03
CIE <sub>LCh</sub>	84, 36.313, 223.565
Yxy	63.7231, 0.2298, 0.2922
Android (android.graphics.Color)	4284735999 (0xFF63E1FF)
YUV	190.7460, 31.6772, -80.4612
Hunter-Lab	79.8267, -27.6220, -21.5631

# Details

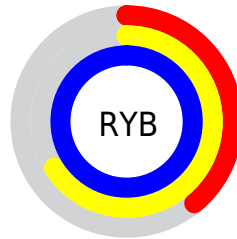
The Hex color **63E1FF** is a light color, and the websafe version is hex **33CCFF**. A complement of this color would be **FF8163**, and the grayscale version is **BFBFBF**.

A 20% lighter version of the original color is **A3FFFF**, and **00A9C6** is the 20% darker color. If you saturate the color by 10%, you get **49DCFF**, and if you desaturate by 10%, it is **7CE6FF**.

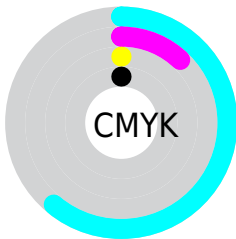
# Distribution



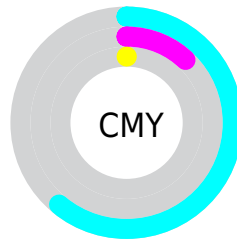
- Red (39%)
- Green (88%)
- Blue (100%)



- Red (39%)
- Yellow (66%)
- Blue (100%)



- Cyan (61%)
- Magenta (12%)
- Yellow (0%)
- Black (0%)



- Cyan (61%)
- Magenta (12%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 63E1FF 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 63E1FF by changing the saturation by 10% instead.



 63E1FF

 63E1FF

FFFFFF

 3FC5E2

 A3FFFF

 00A9C6

 C1FFFF

 008FAB

 E0FFFF

 007590

 005C77

 00445E

 002D46

 00182F

 00011A

 63E1FF

 63E1FF

 49DCFF

 7CE6FF

 30D7FF

 96EBFF

 16D2FF

 B0F0FF

 00CEFF

 C9F5FF

 E3FAFF

 FCFEFF

 FFFFFFFF

# Harmonies

## Analogous

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



68E4E0



63E1FF



88DAFF

# Triad

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



63E1FF



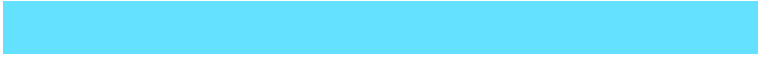
FFBAE5



D9D48E

# Complementary

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



63E1FF



FF8163

# 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.



F9C890



63E1FF



FFB8C2

# Square

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



63E1FF



E9C3FF



FFBEA3



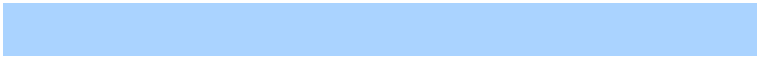
B3DD9E

# Rectangle

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



63E1FF



AAD3FF



FFBEA3



E5D08C

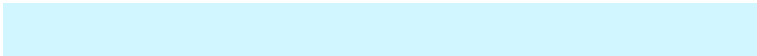


# Sweetspot

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



63E1FF



D1F6FF



63FF80



637A80



000000



808080



# Same Dimension

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



63E1FF



45DBFF



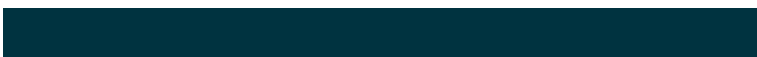
6394FF



737D80



009ABF



003340



# Inverse Universe

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



FF63E1



FF45DB



FFCE63



80737D



BF009A

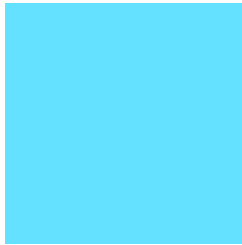


400033



# Previews

## White Background



This preview shows how the Hex color 63E1FF looks on a white background.

## Color Contrast Check

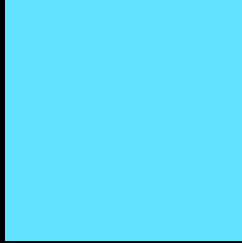
Large Text (above 18pt) WCAG AA × Fail

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 63E1FF looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

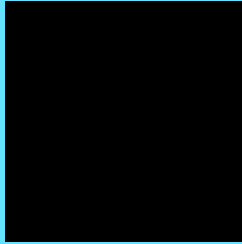
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 63E1FF Background



This preview shows how black text looks on a background with the Hex color 63E1FF.

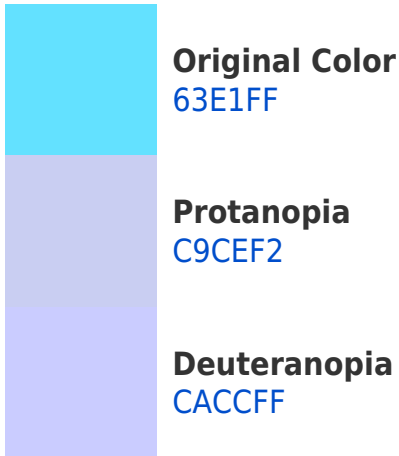


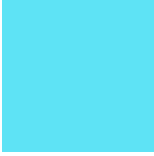
This preview shows how white text looks on a background with the Hex color 63E1FF.

# 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**  
5EE3F5

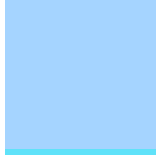
# Trichromacy



**Original Color**  
63E1FF



**Protanomaly**  
A4D5F7



**Deuteranomaly**  
A5D4FF

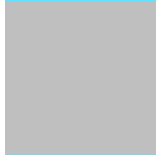


**Tritanomaly**  
60E2F9

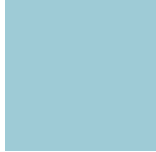
# Monochromacy



**Original Color**  
63E1FF



**Achromatopsia**  
BFBFBF



**Achromatomaly**  
9ECBD6

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 63E1FF 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 #63E1FF looks like.

```
.text, #text, p{  
    color:#63E1FF  
}
```

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 #63E1FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #63E1FF
}
```

## Border

The CSS property to change the border of an element to Hex 63E1FF 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
#63E1FF }
```

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

```
.border{ border-color:#63E1FF }
```

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

Here you see how a box with a 4 pixel #63E1FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #63E1FF; -webkit-box-shadow:4px 4px  
4px 4px #63E1FF; box-shadow:4px 4px 4px  
4px #63E1FF }
```

# Background

The CSS property to change the background color of an element to Hex 63E1FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#63E1FF }
```

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

```
.background{ background-color:#63E1FF }
```

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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