

# Converting Colors

Hex(63E2FA)

Have a look what the booklet for  
Hex(63E2FA) contains.

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# **Color**

**Hex(63E2FA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	63E2FA
RGB	99, 226, 250
RGB Percent	39%, 89%, 98%
CMY	0.6118, 0.1137, 0.0196
CMYK	0.60, 0.10, 0.00, 0.02
HSL	190°, 94%, 68%
HSV	190°, 60%, 98%
XYZ	49.5973, 63.9475, 100.1715
YIQ	190.7630, -83.3960, -19.4600

# Conversions

## Conversions Part 2

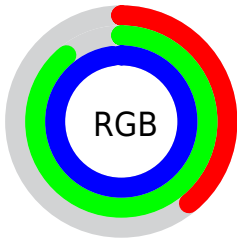
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	99, 168, 250
Decimal	6546170
CIE Lab	83.94, -28.23, -22.21
CIE LCh	84, 35.918, 218.195
Yxy	63.9475, 0.2321, 0.2992
Android (android.graphics.Color)	4284736250 (0xFF63E2FA)
YUV	190.7630, 29.2038, -80.4762
Hunter-Lab	79.9672, -29.2332, -18.2931

# Details

The Hex color **63E2FA** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **FA7B63**, and the grayscale version is **BFBFBF**.

A 20% lighter version of the original color is **A2FFFF**, and **00AAC1** is the 20% darker color. If you saturate the color by 10%, you get **4ADEFA**, and if you desaturate by 10%, it is **7CE6FA**.

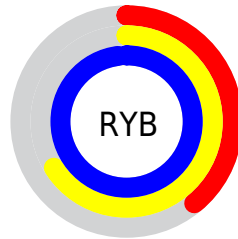
# Distribution



Red (39%)

Green (89%)

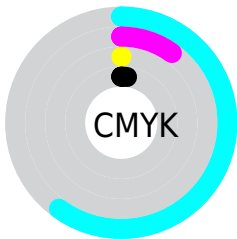
Blue (98%)



Red (39%)

Yellow (66%)

Blue (98%)

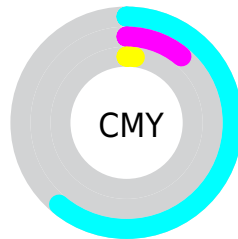


Cyan (60%)

Magenta (10%)

Yellow (0%)

Black (2%)



Cyan (61%)

Magenta (11%)

Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 63E2FA 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 63E2FA by changing the saturation by 10% instead.



 63E2FA

 63E2FA

FFFFFF

 3FC6DD

 A2FFFF

 00AAC1

 C1FFFF

 0090A6

 E0FFFF

 00768C

 005D72

 00455A

 002E42

 00182C

 000117

 63E2FA

 63E2FA

 4ADEFA

 7CE6FA

 31DAFA

 95EAFA

 18D6FA

 AEEEEFA

 00D2FA

 C7F2FA

 E0F6FA

 F9FAFA

 FFFEFA

 FFFFFA

# Harmonies

## Analogous

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



6FE4DA



63E2FA



81DCFF

# Triad

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



63E2FA



FFBBEB



E0D28E

# Complementary

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



63E2FA



FA7B63

# 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.



FEC793



63E2FA



FFB8C9

# Square

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



63E2FA



E2C5FF



FFBDA9



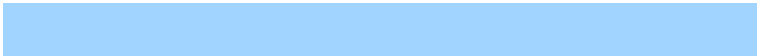
BBDC9B

# Rectangle

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



63E2FA



A1D5FF



FFBDA9



EBCE8E

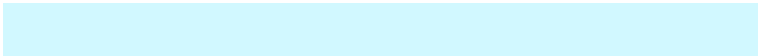


# Sweetspot

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



63E2FA



D1F8FF



63FA7A



637B80



000000



808080



# Same Dimension

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



63E2FA



47E2FF



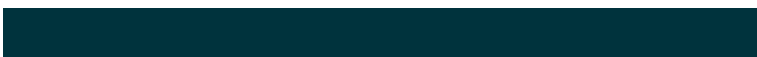
6398FA



707B7D



009FBD



00333D



# Inverse Universe

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



FA63E2



FF47E2



FAC563



7D707B



BD009F

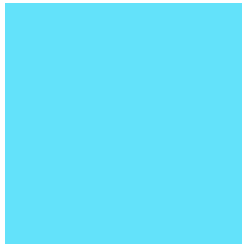


3D0033



# Previews

## White Background



This preview shows how the Hex color 63E2FA looks on a white background.

## Color Contrast Check

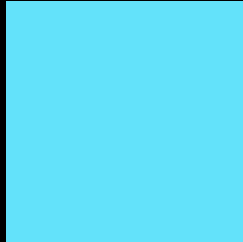
Large Text (above 18pt) WCAG AA × Fail

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 63E2FA 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 63E2FA Background



This preview shows how black text looks on a background with the Hex color 63E2FA.

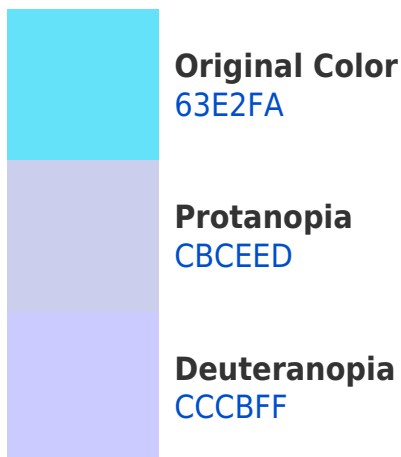


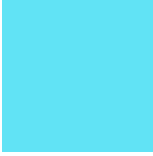
This preview shows how white text looks on a background with the Hex color 63E2FA.

# 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](#).

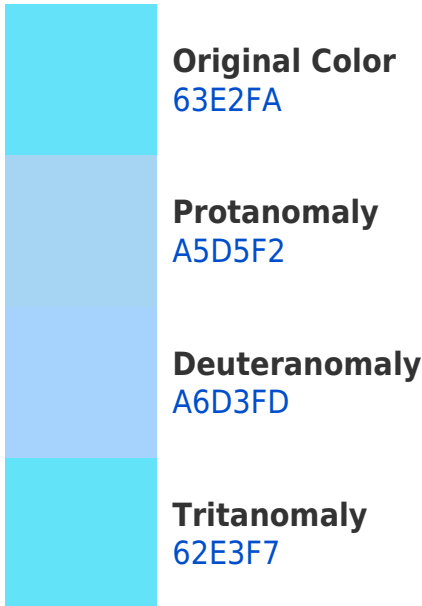
## Dichromacy



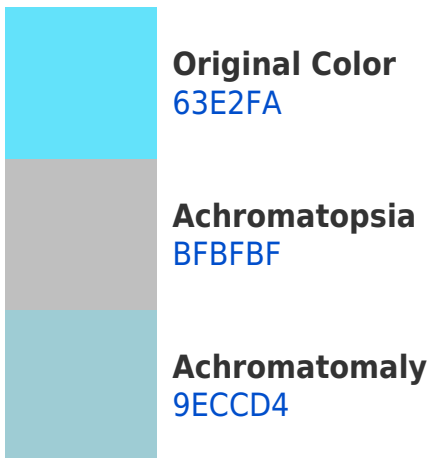


**Tritanopia**  
61E3F5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 63E2FA 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 #63E2FA looks like.

```
.text, #text, p{  
    color:#63E2FA  
}
```

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 #63E2FA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #63E2FA
}
```

## Border

The CSS property to change the border of an element to Hex 63E2FA 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
#63E2FA }
```

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

```
.border{ border-color:#63E2FA }
```

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

Here you see how a box with a 4 pixel #63E2FA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #63E2FA; -webkit-box-shadow:4px 4px  
4px 4px #63E2FA; box-shadow:4px 4px 4px  
4px #63E2FA }
```

# Background

The CSS property to change the background color of an element to Hex 63E2FA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#63E2FA }
```

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

```
.background{ background-color:#63E2FA }
```

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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