

Converting Colors

Hex(63CEF8)

Have a look what the booklet for
Hex(63CEF8) contains.

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Color

Hex(63CEF8)

Conversions

Conversions Part 1

Format	Color
Hex	63CEF8
RGB	99, 206, 248
RGB Percent	39%, 81%, 97%
CMY	0.6118, 0.1922, 0.0275
CMYK	0.60, 0.17, 0.00, 0.03
HSL	197°, 91%, 68%
HSV	197°, 60%, 97%
XYZ	44.1602, 53.5726, 96.8200
YIQ	178.7950, -77.2540, -9.6220

Conversions

Conversions Part 2

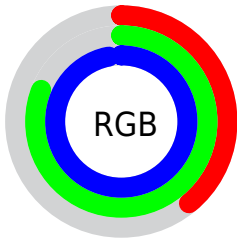
Format	Color
R _Y B	99, 161, 248
Decimal	6541048
CIE Lab	78.21, -18.83, -29.89
CIE LCh	78, 35.324, 237.793
Yxy	53.5726, 0.2270, 0.2754
Android (android.graphics.Color)	4284731128 (0xFF63CEF8)
YUV	178.7950, 34.1181, -69.9802
Hunter-Lab	73.1933, -20.3927, -27.1934

Details

The Hex color **63CEF8** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **F88D63**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **A1FFFF**, and **0A98BF** is the 20% darker color. If you saturate the color by 10%, you get **4AC7F8**, and if you desaturate by 10%, it is **7CD5F8**.

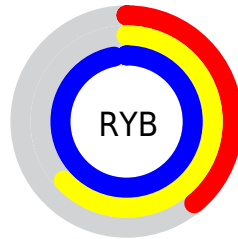
Distribution



Red (39%)

Green (81%)

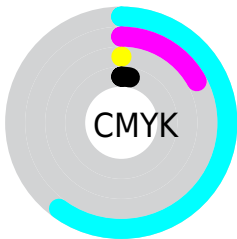
Blue (97%)



Red (39%)

Yellow (63%)

Blue (97%)

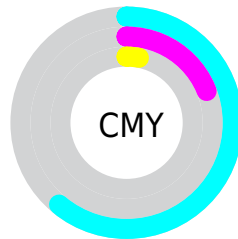


Cyan (60%)

Magenta (17%)

Yellow (0%)

Black (3%)



Cyan (61%)

Magenta (19%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Hex color 63CEF8 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 63CEF8 by changing the saturation by 10% instead.

 63CEF8

 63CEF8

FFFFFF

 41B2DB

 A1FFFF

 0A98BF

 BFFFFFF


 007EA4

 DEFFFF

 00658A

 FCFFFF

 004D70

 003658

 002140

 00032A

 000114

■ 63CEF8

■ 63CEF8

■ 4AC7F8

■ 7CD5F8

■ 31C0F8

■ 95DCF8

■ 19B9F8

■ ADE3F8

■ 00B2F8

■ C6EAF8

■ DFF1F8

■ F8F8F8

■ FFFF8

Harmonies

Analogous

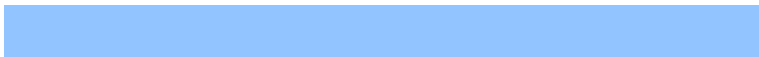
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



53D3DF



63CEF8



92C5FF

Triad

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



63CEF8



FFA9C5



B8C987

Complementary

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



63CEF8



F88D63

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.



DABF80



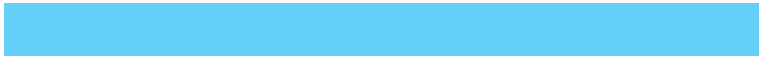
63CEF8



FFABA4

Square

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



63CEF8



E9AFE5



F4B38B



92D09D

Rectangle

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



63CEF8



B3BEFF



F4B38B



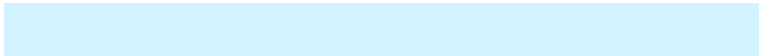
C4C682

Sweetspot

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



63CEF8



D1F2FF



63F88B



637880



000000



808080

Same Dimension

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



63CEF8



47CBFF



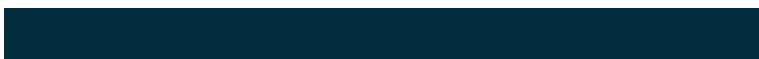
6386F8



70797D



0088BD



002C3D

Inverse Universe

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



F863CE



FF47CB



F8D563



7D7079



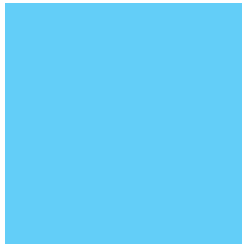
BD0088



3D002C

Previews

White Background



This preview shows how the Hex color 63CEF8 looks on a white background.

Color Contrast Check

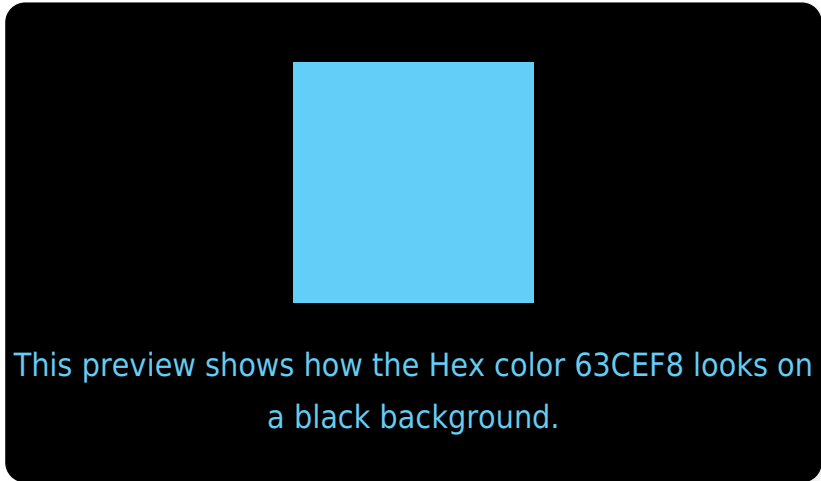
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



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 63CEF8 Background



This preview shows how black text looks on a background with the Hex color 63CEF8.

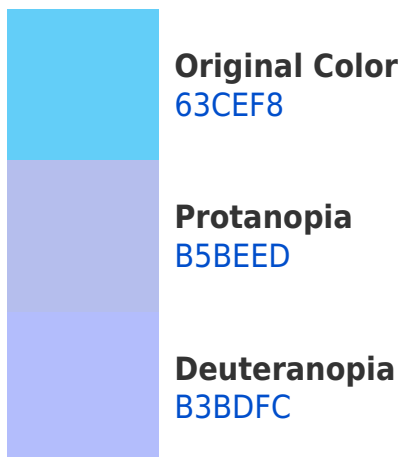


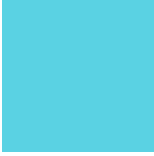
This preview shows how white text looks on a background with the Hex color 63CEF8.

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](#).

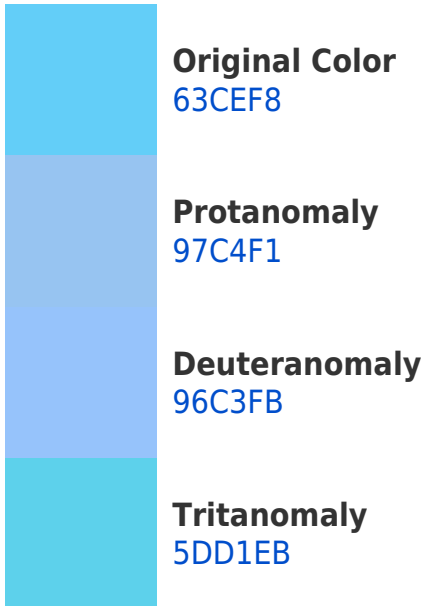
Dichromacy



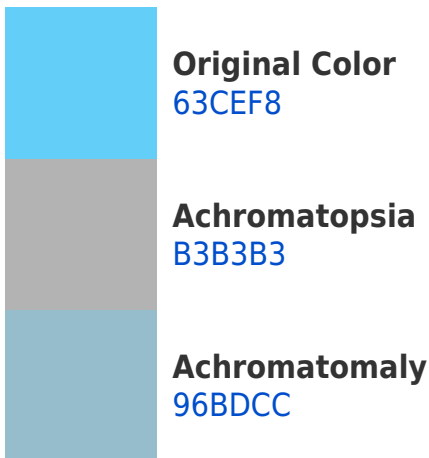


Tritanopia
5AD2E3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 63CEF8 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 #63CEF8 looks like.

```
.text, #text, p{  
    color:#63CEF8  
}
```

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 #63CEF8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #63CEF8  
}
```

Border

The CSS property to change the border of an element to Hex 63CEF8 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  
#63CEF8 }
```

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

```
.border{ border-color:#63CEF8 }
```

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

Here you see how a box with a 4 pixel #63CEF8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #63CEF8; -webkit-box-shadow:4px 4px  
4px 4px #63CEF8; box-shadow:4px 4px 4px  
4px #63CEF8 }
```

Background

The CSS property to change the background color of an element to Hex 63CEF8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#63CEF8 }
```

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

```
.background{ background-color:#63CEF8 }
```

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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