

Converting Colors

Hex(63CEF2)

Have a look what the booklet for
Hex(63CEF2) contains.

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Color

Hex(63CEF2)

Conversions

Conversions Part 1

Format	Color
Hex	63CEF2
RGB	99, 206, 242
RGB Percent	39%, 81%, 95%
CMY	0.6118, 0.1922, 0.0510
CMYK	0.59, 0.15, 0.00, 0.05
HSL	195°, 85%, 67%
HSV	195°, 59%, 95%
XYZ	43.2439, 53.2061, 91.9950
YIQ	178.1110, -75.3280, -11.4880

Conversions

Conversions Part 2

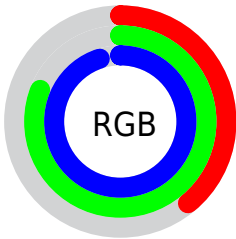
Format	Color
R _Y B	99, 160, 242
Decimal	6541042
CIE Lab	78.00, -20.60, -27.01
CIE LCh	78, 33.967, 232.674
Yxy	53.2061, 0.2295, 0.2823
Android (android.graphics.Color)	4284731122 (0xFF63CEF2)
YUV	178.1110, 31.4973, -69.3803
Hunter-Lab	72.9425, -21.8257, -23.7168

Details

The Hex color **63CEF2** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **F28763**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **A0FFFF**, and **0F98BA** is the 20% darker color. If you saturate the color by 10%, you get **4BC8F2**, and if you desaturate by 10%, it is **7BD4F2**.

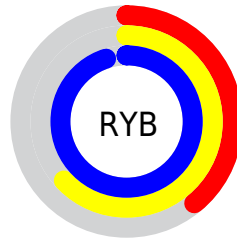
Distribution



Red (39%)

Green (81%)

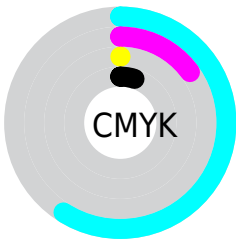
Blue (95%)



Red (39%)

Yellow (63%)

Blue (95%)

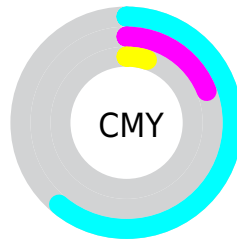


Cyan (59%)

Magenta (15%)

Yellow (0%)

Black (5%)



Cyan (61%)

Magenta (19%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color 63CEF2 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 63CEF2 by changing the saturation by 10% instead.

 63CEF2

 63CEF2

FFFFFF

 41B2D6

 A0FFFF

 0F98BA

 BFFFFFF

 007E9F

 DDFFFF

 006485

 FBFFFF

 004C6B

 003553

 00213B

 000226

 00010F

■ 63CEF2

■ 63CEF2

■ 4BC8F2

■ 7BD4F2

■ 33C2F2

■ 93DAF2

■ 1ABCF2

■ ACE0F2

■ 02B6F2

■ C4E6F2

■ 00B5F2

■ DCECF2

■ F4F3F2

■ FFF9F2

■ FFFFF2

Harmonies

Analogous

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



5BD2D8



63CEF2



8BC6FF

Triad

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



63CEF2



FAACA



BEC686

Complementary

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



63CEF2



F28763

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.



DEBC82



63CEF2



FFAAAA

Square

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



63CEF2



E2B1E7



F5B290



9ACE9A

Rectangle

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



63CEF2



ABBFEE



F5B290



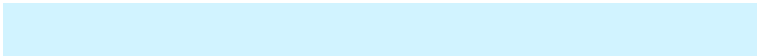
C9C383

Sweetspot

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



63CEF2



D1F3FF



63F287



637880



000000



808080

Same Dimension

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



63CEF2



4AD1FF



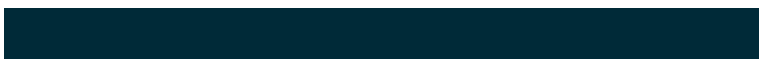
6387F2



6C7578



0089B8



002A38

Inverse Universe

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



F263CE



FF4AD1



F2CE63



786C75



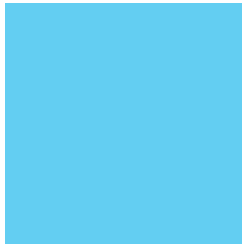
B80089



38002A

Previews

White Background



This preview shows how the Hex color 63CEF2 looks on a white background.

Color Contrast Check

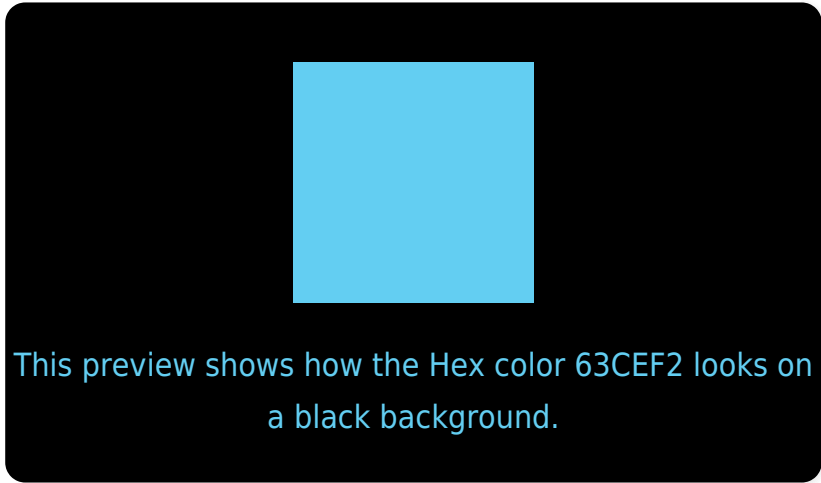
Large Text (above 18pt) WCAG AA × Fail

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

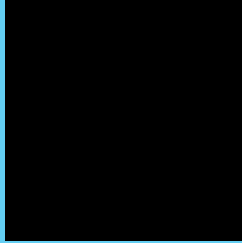
Any Text WCAG AA ✓ Pass

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 63CEF2 Background



This preview shows how black text looks on a background with the Hex color 63CEF2.



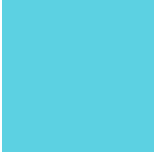
This preview shows how white text looks on a background with the Hex color 63CEF2.

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](#).

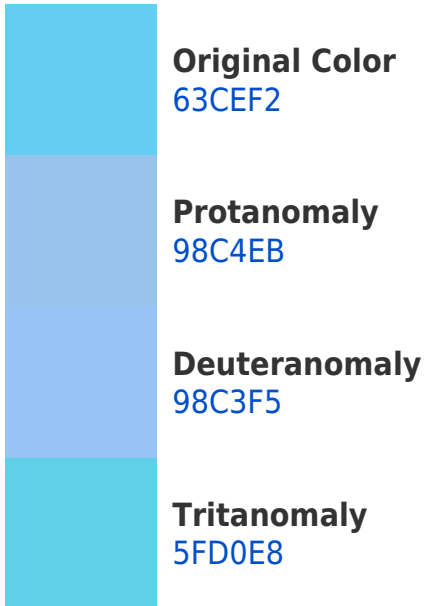
Dichromacy





Tritanopia
5CD1E2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 63CEF2 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 #63CEF2 looks like.

```
.text, #text, p{  
    color:#63CEF2  
}
```

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 #63CEF2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #63CEF2
}
```

Border

The CSS property to change the border of an element to Hex 63CEF2 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
#63CEF2 }
```

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

```
.border{ border-color:#63CEF2 }
```

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

Here you see how a box with a 4 pixel #63CEF2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #63CEF2; -webkit-box-shadow:4px 4px  
4px 4px #63CEF2; box-shadow:4px 4px 4px  
4px #63CEF2 }
```

Background

The CSS property to change the background color of an element to Hex 63CEF2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#63CEF2 }
```

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

```
.background{ background-color:#63CEF2 }
```

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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