

Converting Colors

Hex(63BDF7)

Have a look what the booklet for
Hex(63BDF7) contains.

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Color

Hex(63BDF7)

Conversions

Conversions Part 1

Format	Color
Hex	63BDF7
RGB	99, 189, 247
RGB Percent	39%, 74%, 97%
CMY	0.6118, 0.2588, 0.0314
CMYK	0.60, 0.23, 0.00, 0.03
HSL	204°, 90%, 68%
HSV	204°, 60%, 97%
XYZ	40.1317, 45.7632, 94.7137
YIQ	168.7020, -72.2580, -1.0420

Conversions

Conversions Part 2

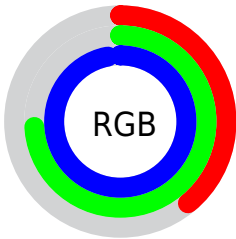
Format	Color
RYB	99, 155, 247
Decimal	6536695
CIELab	73.39, -10.20, -36.79
CIELCh	73, 38.183, 254.501
Yxy	45.7632, 0.2222, 0.2534
Android (android.graphics.Color)	4284726775 (0xFF63BDF7)
YUV	168.7020, 38.6009, -61.1287
Hunter-Lab	67.6485, -12.4919, -35.6571

Details

The Hex color **63BDF7** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **F79D63**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **A0F5FF**, and **1088BE** is the 20% darker color. If you saturate the color by 10%, you get **4AB3F7**, and if you desaturate by 10%, it is **7CC7F7**.

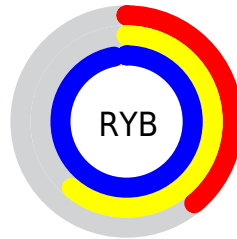
Distribution



Red (39%)

Green (74%)

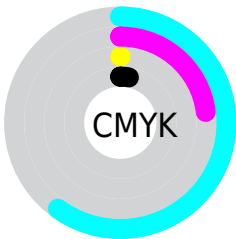
Blue (97%)



Red (39%)

Yellow (61%)

Blue (97%)

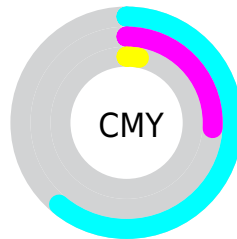


Cyan (60%)

Magenta (23%)

Yellow (0%)

Black (3%)



Cyan (61%)

Magenta (26%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Hex color 63BDF7 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 63BDF7 by changing the saturation by 10% instead.

 63BDF7

 63BDF7

FFFFFF

 41A2DA

 A0F5FF

 1088BE

 BEFFFF

 006FA3

 DDFFFF

 005689

 FBFFFF

 003F6F

 002956

 00163F

 000328

 000112

■ 63BDF7

■ 63BDF7

■ 4AB3F7

■ 7CC7F7

■ 32AAF7

■ 94D0F7

■ 19A0F7

■ ADDAF7

■ 0096F7

■ C6E4F7

■ DFEDF7

■ F7F7F7

■ FFFFF7

Harmonies

Analogous

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



2DC4E4



63BDF7



9EB2F8

Triad

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



63BDF7



F999A4



93C181

Complementary

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



63BDF7



F79D63

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.



BBB86F



63BDF7



F2A085

Square

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



63BDF7



ED9BC8



DBAC71



68C6A0

Rectangle

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



63BDF7



BFA9EE



DBAC71



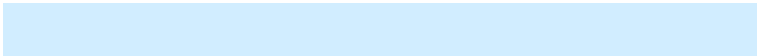
A1BE79

Sweetspot

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



63BDF7



D1EDFF



63F79C



637580



000000



808080

Same Dimension

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



63BDF7



47B7FF



6374F7



6E767A



0071BA



00243B

Inverse Universe

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



F763BD



FF47B7



F7E663



7A6E76



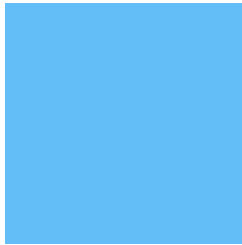
BA0071



3B0024

Previews

White Background



This preview shows how the Hex color 63BDF7 looks on a white background.

Color Contrast Check

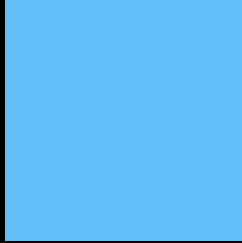
Large Text (above 18pt) WCAG AA × Fail

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 63BDF7 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

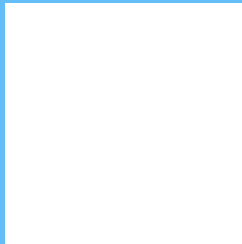
Any Text WCAG AAA ✓ Pass

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

Hex 63BDF7 Background



This preview shows how black text looks on a background with the Hex color 63BDF7.

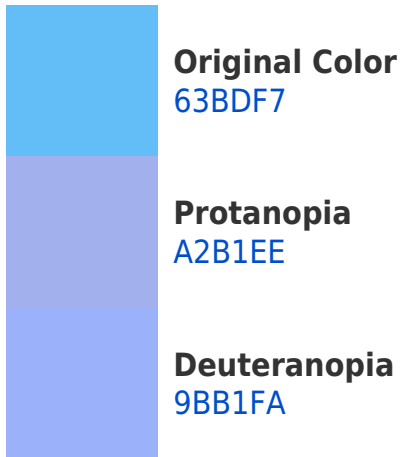


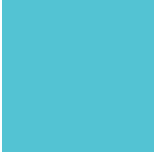
This preview shows how white text looks on a background with the Hex color 63BDF7.

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](#).

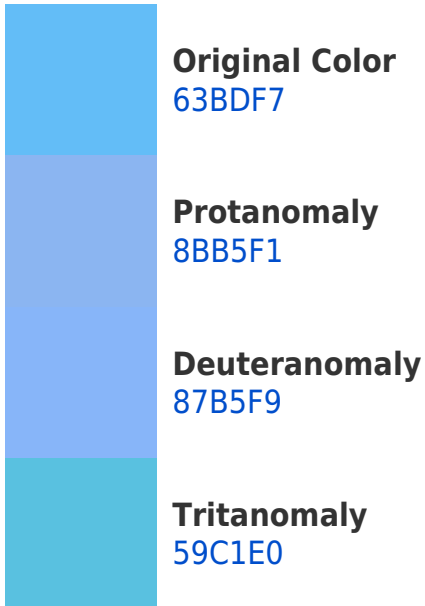
Dichromacy



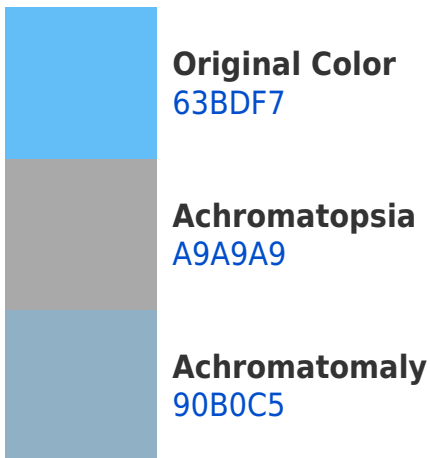


Tritanopia
53C3D3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 63BDF7 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 #63BDF7 looks like.

```
.text, #text, p{  
    color:#63BDF7  
}
```

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 #63BDF7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #63BDF7
}
```

Border

The CSS property to change the border of an element to Hex 63BDF7 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
#63BDF7 }
```

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

```
.border{ border-color:#63BDF7 }
```

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

Here you see how a box with a 4 pixel #63BDF7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #63BDF7; -webkit-box-shadow:4px 4px  
4px 4px #63BDF7; box-shadow:4px 4px 4px  
4px #63BDF7 }
```

Background

The CSS property to change the background color of an element to Hex 63BDF7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#63BDF7 }
```

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

```
.background{ background-color:#63BDF7 }
```

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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