

Converting Colors

Hex(63DAF7)

Have a look what the booklet for
Hex(63DAF7) contains.

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Color

Hex(63DAF7)

Conversions

Conversions Part 1

Format	Color
Hex	63DAF7
RGB	99, 218, 247
RGB Percent	39%, 85%, 97%
CMY	0.6118, 0.1451, 0.0314
CMYK	0.60, 0.12, 0.00, 0.03
HSL	192°, 90%, 68%
HSV	192°, 60%, 97%
XYZ	47.0055, 59.5109, 97.0050
YIQ	185.7250, -80.2330, -16.2090

Conversions

Conversions Part 2

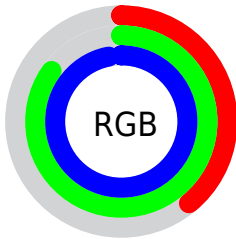
Format	Color
RYB	99, 165, 247
Decimal	6544119
CIELab	81.57, -25.16, -24.22
CIELCh	82, 34.925, 223.903
Yxy	59.5109, 0.2310, 0.2924
Android (android.graphics.Color)	4284734199 (0xFF63DAF7)
YUV	185.7250, 30.2086, -76.0578
Hunter-Lab	77.1433, -26.2358, -20.5548

Details

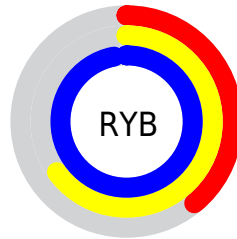
The Hex color **63DAF7** is a light color, and the websafe version is hex **33CCFF**. A complement of this color would be **F78063**, and the grayscale version is **B9B9B9**.

A 20% lighter version of the original color is **A2FFFF**, and **04A3BF** is the 20% darker color. If you saturate the color by 10%, you get **4AD5F7**, and if you desaturate by 10%, it is **7CDFF7**.

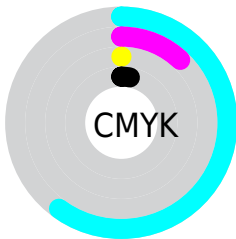
Distribution



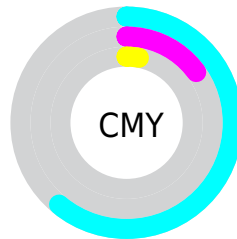
- Red (39%)
- Green (85%)
- Blue (97%)



- Red (39%)
- Yellow (65%)
- Blue (97%)



- Cyan (60%)
- Magenta (12%)
- Yellow (0%)
- Black (3%)



- Cyan (61%)
- Magenta (15%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Hex color 63DAF7 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 63DAF7 by changing the saturation by 10% instead.

 63DAF7

 63DAF7

FFFFFF

 40BEDA


 A2FFFF

 04A3BF

 C0FFFF

 0088A3

 DFFFFF

 006F89

FDFFFF

 005670

 003E57

 002840

 000D2A

 000114

■ 63DAF7

■ 63DAF7

■ 4AD5F7

■ 7CDFF7

■ 32D0F7

■ 94E4F7

■ 19CBF7

■ ADE9F7

■ 00C7F7

■ C6EDF7

■ DFF2F7

■ F7F7F7

■ FFFCF7

■ FFFFF7

Harmonies

Analogous

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



67DDD9



63DAF7



86D3FF

Triad

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



63DAF7



FFB4DE



D2CE8B

Complementary

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



63DAF7



F78063

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.



F1C38C



63DAF7



FFB2BC

Square

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



63DAF7



E2BDFA



FFB89F



AED69B

Rectangle

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



63DAF7



A6CCFF



FFB89F



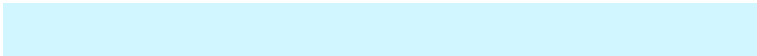
DDCA89

Sweetspot

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



63DAF7



D1F6FF



63F77E



637A80



000000



808080

Same Dimension

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



63DAF7



47DBFF



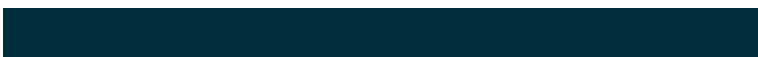
6392F7



6E787A



0096BA



002F3B

Inverse Universe

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



F763DA



FF47DB



F7C863



7A6E78



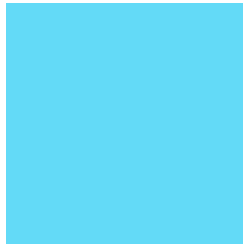
BA0096



3B002F

Previews

White Background



This preview shows how the Hex color 63DAF7 looks on a white background.

Color Contrast Check

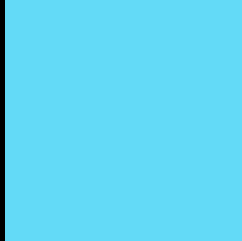
Large Text (above 18pt) WCAG AA × Fail

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 63DAF7 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 63DAF7 Background



This preview shows how black text looks on a background with the Hex color 63DAF7.

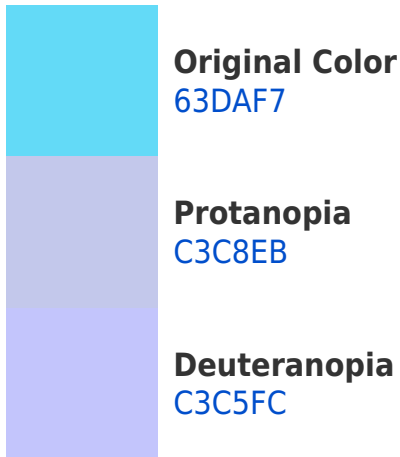


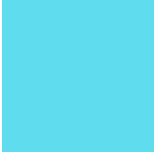
This preview shows how white text looks on a background with the Hex color 63DAF7.

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](#).

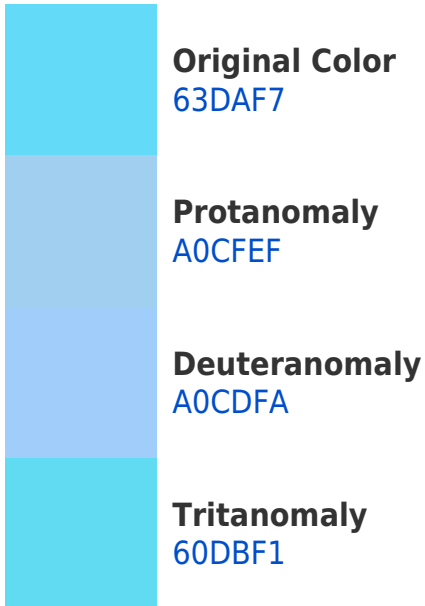
Dichromacy



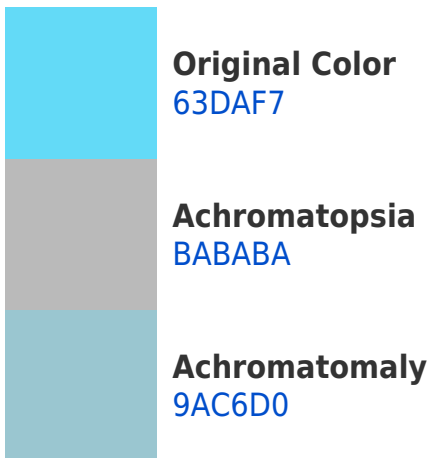


Tritanopia
5FDCED

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 63DAF7 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 #63DAF7 looks like.

```
.text, #text, p{  
    color:#63DAF7  
}
```

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 #63DAF7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #63DAF7  
}
```

Border

The CSS property to change the border of an element to Hex 63DAF7 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  
#63DAF7 }
```

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

```
.border{ border-color:#63DAF7 }
```

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

Here you see how a box with a 4 pixel #63DAF7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #63DAF7; -webkit-box-shadow:4px 4px  
4px 4px #63DAF7; box-shadow:4px 4px 4px  
4px #63DAF7 }
```

Background

The CSS property to change the background color of an element to Hex 63DAF7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#63DAF7 }
```

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

```
.background{ background-color:#63DAF7 }
```

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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