

Converting Colors

Hex(67ADF3)

Have a look what the booklet for
Hex(67ADF3) contains.

Hex(67ADF3)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(67ADF3)

Conversions

Conversions Part 1

Format	Color
Hex	67ADF3
RGB	103, 173, 243
RGB Percent	40%, 68%, 95%
CMY	0.5961, 0.3216, 0.0471
CMYK	0.58, 0.29, 0.00, 0.05
HSL	210°, 85%, 68%
HSV	210°, 58%, 95%
XYZ	36.7148, 39.2418, 90.4334
YIQ	160.0500, -64.1900, 6.9300

Conversions

Conversions Part 2

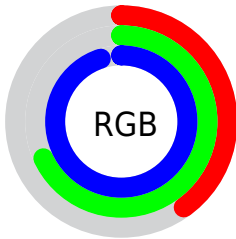
Format	Color
RYB	103, 150, 243
Decimal	6794739
CIELab	68.93, -1.92, -41.57
CIELCh	69, 41.618, 267.358
Yxy	39.2418, 0.2207, 0.2358
Android (android.graphics.Color)	4284984819 (0xFF67ADF3)
YUV	160.0500, 40.8944, -50.0328
Hunter-Lab	62.6433, -5.0081, -41.7423

Details

The Hex color **67ADF3** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **F3AD67**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **A3E4FF**, and **1F79BA** is the 20% darker color. If you saturate the color by 10%, you get **4FA1F3**, and if you desaturate by 10%, it is **7FB9F3**.

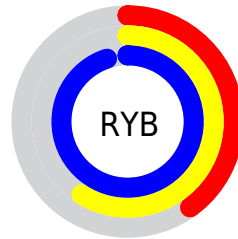
Distribution



Red (40%)

Green (68%)

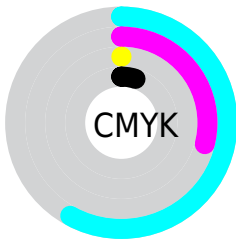
Blue (95%)



Red (40%)

Yellow (59%)

Blue (95%)

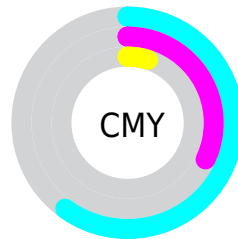


Cyan (58%)

Magenta (29%)

Yellow (0%)

Black (5%)



Cyan (60%)

Magenta (32%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color 67ADF3 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 67ADF3 by changing the saturation by 10% instead.

 67ADF3

 67ADF3


FFFFFF

 4793D6

 A3E4FF

 1F79BA

 C1FFFF

 00609F

 DFFFFF

 004985

FDFFFF

 00336B

 001F52

 00063B

 000224

 00010D

■ 67ADF3

■ 67ADF3

■ 4FA1F3

■ 7FB9F3

■ 3695F3

■ 98C5F3

■ 1E89F3

■ B0D1F3

■ 067CF3

■ C8DEF3

■ 0079F3

■ E0EAF3

■ F9F6F3

■ FFFFF3

Harmonies

Analogous

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



00B7E7



67ADF3



A7A0EB

Triad

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



67ADF3



F08D88



70B87E

Complementary

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



67ADF3



F3AD67

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.



9DB064



67ADF3



E0986A

Square

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



67ADF3



ED8AAD



C3A55C



34BCA3

Rectangle

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



67ADF3



C796DC



C3A55C



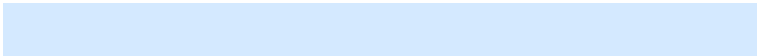
80B674

Sweetspot

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



67ADF3



D4E9FF



67F3AD



667380



000000



808080

Same Dimension

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



67ADF3



4FA7FF



6767F3



6E747A



005DBA



001D3B

Inverse Universe

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



F367AD



FF4FA7



F3F367



7A6E74



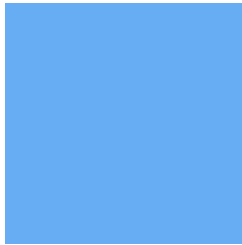
BA005D



3B001D

Previews

White Background



This preview shows how the Hex color 67ADF3 looks on a white background.

Color Contrast Check

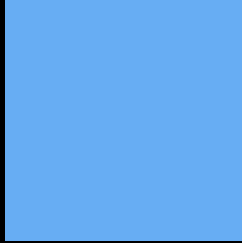
Large Text (above 18pt) WCAG AA × Fail

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 67ADF3 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

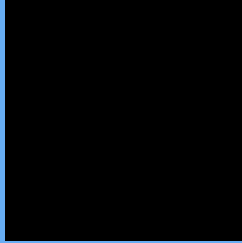
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

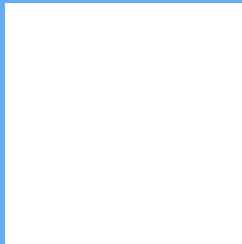
Any Text WCAG AAA ✓ Pass

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

Hex 67ADF3 Background



This preview shows how black text looks on a background with the Hex color 67ADF3.

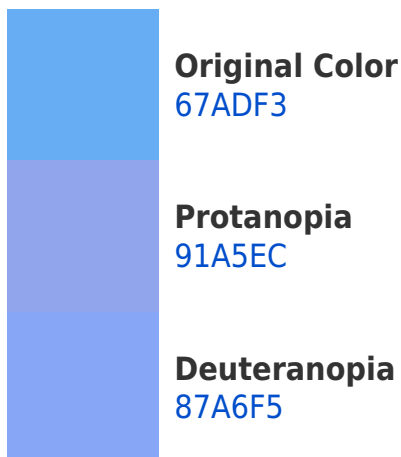


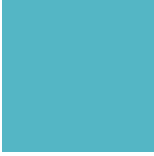
This preview shows how white text looks on a background with the Hex color 67ADF3.

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](#).

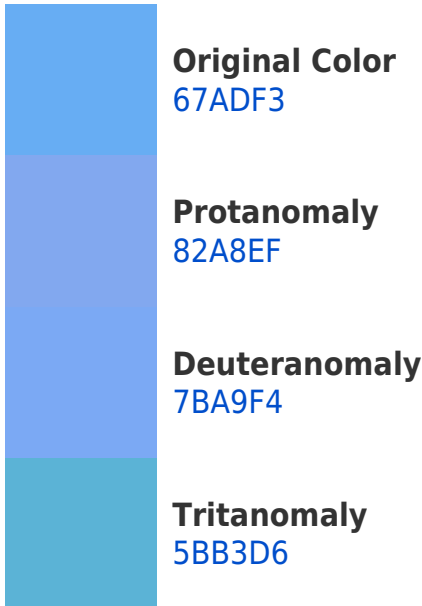
Dichromacy



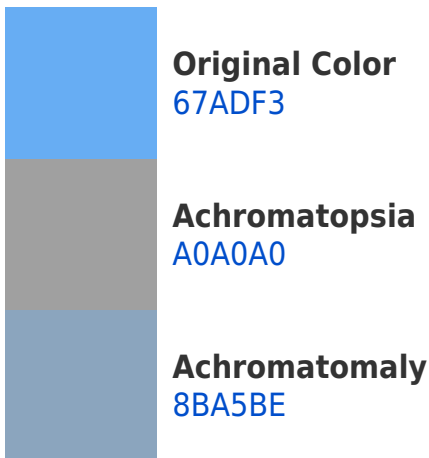


Tritanopia
54B6C5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 67ADF3 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 #67ADF3 looks like.

```
.text, #text, p{  
    color:#67ADF3  
}
```

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 #67ADF3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #67ADF3  
}
```

Border

The CSS property to change the border of an element to Hex 67ADF3 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  
#67ADF3 }
```

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

```
.border{ border-color:#67ADF3 }
```

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

Here you see how a box with a 4 pixel #67ADF3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #67ADF3; -webkit-box-shadow:4px 4px  
4px 4px #67ADF3; box-shadow:4px 4px 4px  
4px #67ADF3 }
```

Background

The CSS property to change the background color of an element to Hex 67ADF3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#67ADF3 }
```

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

```
.background{ background-color:#67ADF3 }
```

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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