

Converting Colors

Hex(67AED3)

Have a look what the booklet for
Hex(67AED3) contains.

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Color

Hex(67AED3)

Conversions

Conversions Part 1

Format	Color
Hex	67AED3
RGB	103, 174, 211
RGB Percent	40%, 68%, 83%
CMY	0.5961, 0.3176, 0.1725
CMYK	0.51, 0.18, 0.00, 0.17
HSL	201°, 55%, 62%
HSV	201°, 51%, 83%
XYZ	32.4874, 37.8588, 67.2232
YIQ	156.9890, -54.1930, -3.5450

Conversions

Conversions Part 2

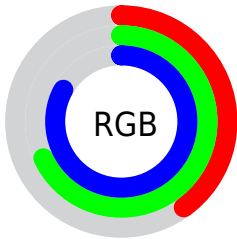
Format	Color
RYB	103, 146, 211
Decimal	6794963
CIELab	67.92, -12.12, -25.62
CIELCh	68, 28.338, 244.687
Yxy	37.8588, 0.2362, 0.2752
Android (android.graphics.Color)	4284985043 (0xFF67AED3)
YUV	156.9890, 26.6274, -47.3484
Hunter-Lab	61.5295, -13.4291, -21.7058

Details

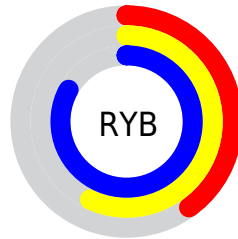
The Hex color **67AED3** is a light color, and the websafe version is hex **3399CC**. A complement of this color would be **D38C67**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **A0E5FF**, and **2A7A9C** is the 20% darker color. If you saturate the color by 10%, you get **52A7D3**, and if you desaturate by 10%, it is **7CB5D3**.

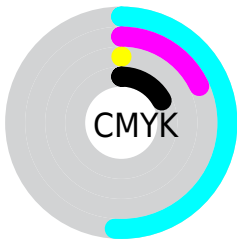
Distribution



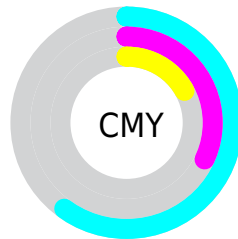
- Red (40%)
- Green (68%)
- Blue (83%)



- Red (40%)
- Yellow (57%)
- Blue (83%)



- Cyan (51%)
- Magenta (18%)
- Yellow (0%)
- Black (17%)



- Cyan (60%)
- Magenta (32%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Hex color 67AED3 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 67AED3 by changing the saturation by 10% instead.

67AED3

67AED3

FFFFFF

4A93B7

A0E5FF

2A7A9C

BDFFFF

006182

DAFFFF

004969

F8FFFF

003251

001E39

000224

00000C

000000

67AED3

67AED3

52A7D3

7CB5D3

3DA0D3

91BCD3

2898D3

A6C4D3

1391D3

BBCBD3

008BD3

D1D2D3

E6D9D3

FBE1D3

FFE8D3

FFEFD3

Harmonies

Analogous

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



55B3C2



67AED3



8AA7D8

Triad

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



67AED3



D892A2



98AD7B

Complementary

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



67AED3



D38C67

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.



B4A572



67AED3



D7958A

Square

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



67AED3



CA96BC



CA9D78



7AB28F

Rectangle

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



67AED3



A3A1D4



CA9D78



A2AA77

Sweetspot

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



67AED3



D9F2FF



67D38B



697880



000000



808080

Same Dimension

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



67AED3



63CAFF



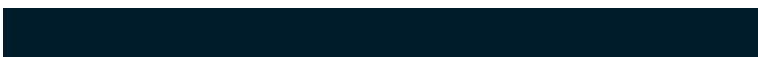
6779D3



5E6569



006FA8



001B29

Inverse Universe

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



D367AE



FF63CA



D3C167



695E65



A8006F



29001B

Previews

White Background



This preview shows how the Hex color 67AED3 looks on a white background.

Color Contrast Check

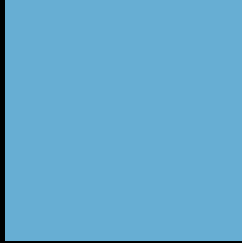
Large Text (above 18pt) WCAG AA × Fail

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 67AED3 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 67AED3 Background



This preview shows how black text looks on a background with the Hex color 67AED3.

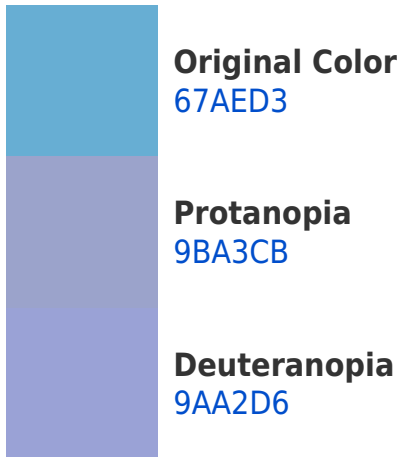


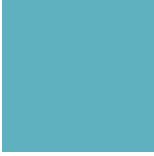
This preview shows how white text looks on a background with the Hex color 67AED3.

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](#).

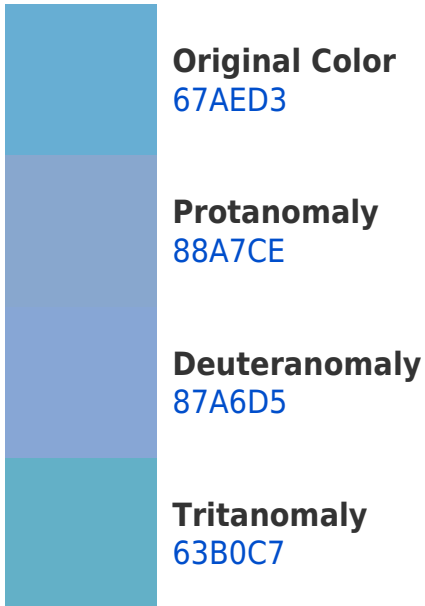
Dichromacy



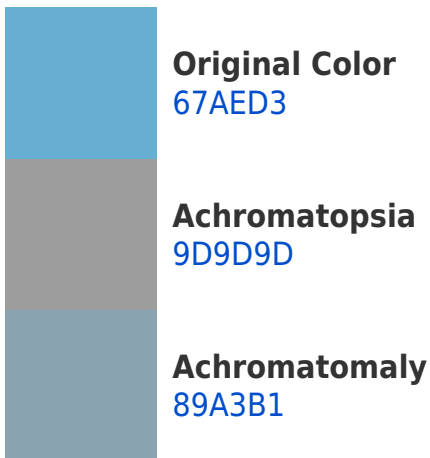


Tritanopia
60B1C0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 67AED3 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 #67AED3 looks like.

```
.text, #text, p{  
    color:#67AED3  
}
```

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 #67AED3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #67AED3
}
```

Border

The CSS property to change the border of an element to Hex 67AED3 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
#67AED3 }
```

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

```
.border{ border-color:#67AED3 }
```

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

Here you see how a box with a 4 pixel #67AED3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #67AED3; -webkit-box-shadow:4px 4px  
4px 4px #67AED3; box-shadow:4px 4px 4px  
4px #67AED3 }
```

Background

The CSS property to change the background color of an element to Hex 67AED3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#67AED3 }
```

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

```
.background{ background-color:#67AED3 }
```

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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