

Converting Colors

Hex(67ADD9)

Have a look what the booklet for
Hex(67ADD9) contains.

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Color

Hex(67ADD9)

Conversions

Conversions Part 1

Format	Color
Hex	67ADD9
RGB	103, 173, 217
RGB Percent	40%, 68%, 85%
CMY	0.5961, 0.3216, 0.1490
CMYK	0.53, 0.20, 0.00, 0.15
HSL	203°, 60%, 63%
HSV	203°, 53%, 85%
XYZ	33.0615, 37.7805, 71.1955
YIQ	157.0860, -55.8440, -1.1560

Conversions

Conversions Part 2

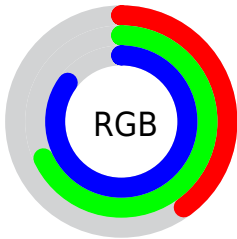
Format	Color
RYB	103, 146, 217
Decimal	6794713
CIELab	67.86, -9.82, -29.01
CIElCh	68, 30.624, 251.299
Yxy	37.7805, 0.2328, 0.2660
Android (android.graphics.Color)	4284984793 (0xFF67ADD9)
YUV	157.0860, 29.5376, -47.4334
Hunter-Lab	61.4658, -11.5529, -25.6492

Details

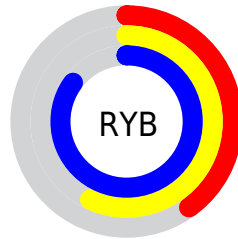
The Hex color **67ADD9** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **D99367**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **A0E4FF**, and **2879A2** is the 20% darker color. If you saturate the color by 10%, you get **51A5D9**, and if you desaturate by 10%, it is **7DB5D9**.

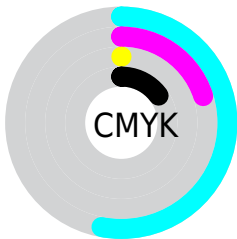
Distribution



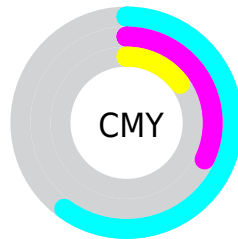
- Red (40%)
- Green (68%)
- Blue (85%)



- Red (40%)
- Yellow (57%)
- Blue (85%)



- Cyan (53%)
- Magenta (20%)
- Yellow (0%)
- Black (15%)



- Cyan (60%)
- Magenta (32%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color 67ADD9 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 67ADD9 by changing the saturation by 10% instead.

■ 67ADD9

■ 67ADD9

FFFFFF

■ 4A92BD

■ A0E4FF

■ 2879A2

■ BDFFFF

■ 006088

■ DBFFFF

■ 00486E

■ F9FFFF

■ 003256

■ 001D3E

■ 000328

■ 000112

■ 000000

■ 67ADD9

■ 67ADD9

■ 51A5D9

■ 7DB5D9

■ 3C9CD9

■ 92BED9

■ 2694D9

■ A8C6D9

■ 108BD9

■ BECFD9

■ 0085D9

■ D4D7D9

■ E9DFD9

■ FFE8D9

■ FFF0D9

■ FFF8D9

Harmonies

Analogous

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



4BB3C9



67ADD9



90A4DB

Triad

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



67ADD9



DC919C



8FAF7B

Complementary

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



67ADD9



D99367

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.



AEA76F



67ADD9



D89582

Square

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



67ADD9



D193B8



C89E72



6FB393

Rectangle

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



67ADD9



AB9ED5



C89E72



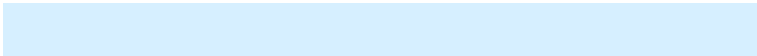
9AAC75

Sweetspot

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



67ADD9



D6EFFF



67D993



677680



000000



808080

Same Dimension

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



67ADD9



5EC1FF



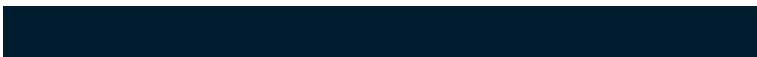
6774D9



63696E



006AAD



001C2E

Inverse Universe

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



D967AD



FF5EC1



D9CC67



6E6369



AD006A



2E001C

Previews

White Background



This preview shows how the Hex color 67ADD9 looks on a white background.

Color Contrast Check

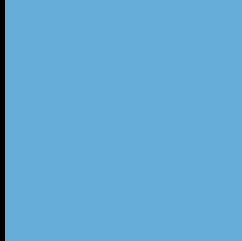
Large Text (above 18pt) WCAG AA × Fail

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 67ADD9 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

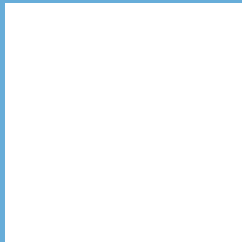
Any Text WCAG AAA ✓ Pass

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

Hex 67ADD9 Background



This preview shows how black text looks on a background with the Hex color 67ADD9.

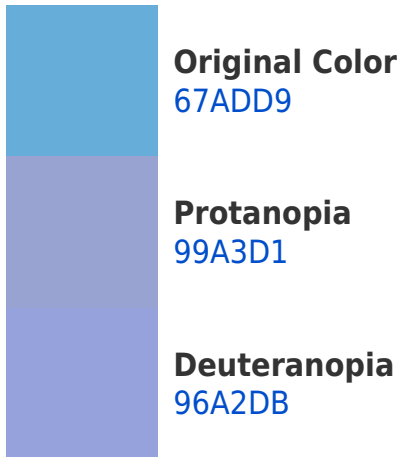


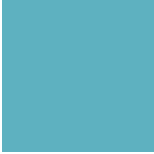
This preview shows how white text looks on a background with the Hex color 67ADD9.

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](#).

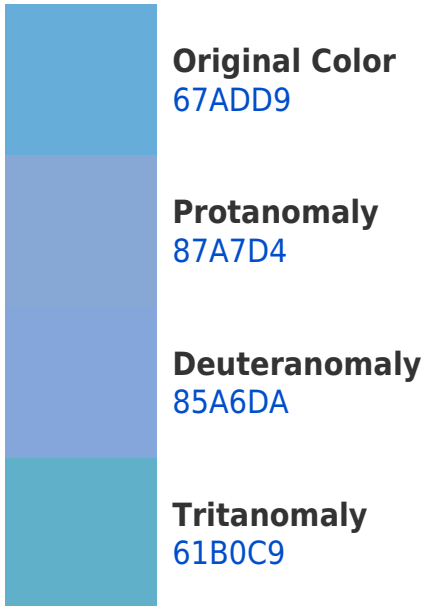
Dichromacy



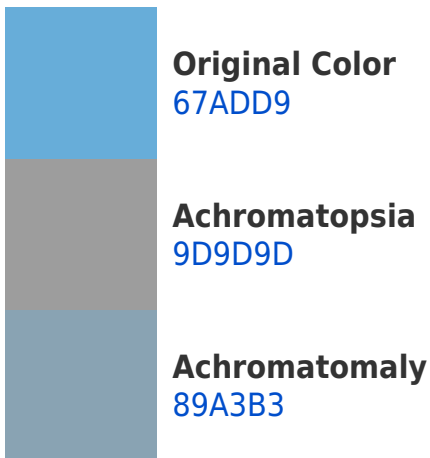


Tritanopia
5EB1C0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 67ADD9 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 #67ADD9 looks like.

```
.text, #text, p{  
    color:#67ADD9  
}
```

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 #67ADD9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #67ADD9
}
```

Border

The CSS property to change the border of an element to Hex 67ADD9 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
#67ADD9 }
```

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

```
.border{ border-color:#67ADD9 }
```

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

Here you see how a box with a 4 pixel #67ADD9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #67ADD9; -webkit-box-shadow:4px 4px  
4px 4px #67ADD9; box-shadow:4px 4px 4px  
4px #67ADD9 }
```

Background

The CSS property to change the background color of an element to Hex 67ADD9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#67ADD9 }
```

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

```
.background{ background-color:#67ADD9 }
```

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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