

# Converting Colors

Hex(67ADEB)

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

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**Color**

**Hex(67ADEB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	67ADEB
RGB	103, 173, 235
RGB Percent	40%, 68%, 92%
CMY	0.5961, 0.3216, 0.0784
CMYK	0.56, 0.26, 0.00, 0.08
HSL	208°, 77%, 66%
HSV	208°, 56%, 92%
XYZ	35.5325, 38.7689, 84.2076
YIQ	159.1380, -61.6220, 4.4420

# Conversions

## Conversions Part 2

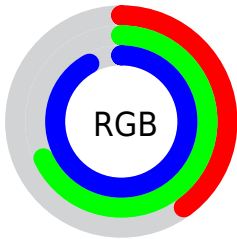
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">103, 149, 235</a>
Decimal	<a href="#">6794731</a>
CIELab	<a href="#">68.58, -4.39, -37.75</a>
CIELCh	<a href="#">69, 38.002, 263.361</a>
Yxy	<a href="#">38.7689, 0.2242, 0.2446</a>
Android (android.graphics.Color)	<a href="#">4284984811 (0xFF67ADEB)</a>
YUV	<a href="#">159.1380, 37.4000, -49.2330</a>
Hunter-Lab	<a href="#">62.2646, -7.0988, -36.5994</a>

# Details

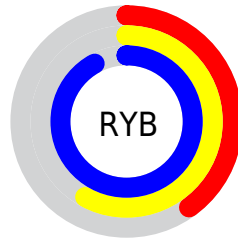
The Hex color **67ADEB** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **EBA567**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **A2E4FF**, and **2379B3** is the 20% darker color. If you saturate the color by 10%, you get **4FA2EB**, and if you desaturate by 10%, it is **7FB8EB**.

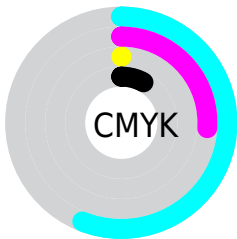
# Distribution



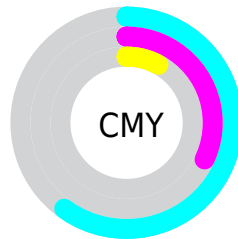
- Red (40%)
- Green (68%)
- Blue (92%)



- Red (40%)
- Yellow (58%)
- Blue (92%)



- Cyan (56%)
- Magenta (26%)
- Yellow (0%)
- Black (8%)



- Cyan (60%)
- Magenta (32%)
- Yellow (8%)

# Brightness & Saturation Gradients

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



■ 67ADEB

■ 67ADEB

FFFFFF

■ 4893CF

■ A2E4FF

■ 2379B3

■ C0FFFF

■ 006098

■ DDFFFF

■ 00497E

■ FBFFFF

■ 003364

■ 001E4C

■ 000535

■ 00021F

■ 000002

■ 67ADEB

■ 67ADEB

■ 4FA2EB

■ 7FB8EB

■ 3897EB

■ 96C3EB

■ 218CEB

■ AECEEB

■ 0981EB

■ C5D9EB

■ 007DEB

■ DDE4EB

■ F4EFEB

■ FFFAEB

■ FFFFEB

# Harmonies

## Analogous

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



23B5DD



67ADEB



A0A1E6

# Triad

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



67ADEB



EA8E8E



7AB57D

# Complementary

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



67ADEB



EBA567

# 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.



A2AD67



67ADEB



DE9771

# Square

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



67ADEB



E48DB0



C5A363



4CB99E

# Rectangle

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



67ADEB



BF99D9



C5A363



88B374

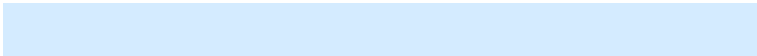


# Sweetspot

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



67ADEB



D4EBFF



67EBA5



667480



000000



808080



# Same Dimension

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



67ADEB



54AFFF



676BEB



6A7075



0060B5



001C36



# Inverse Universe

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



EB67AD



FF54AF



EBE767



756A70



B50060

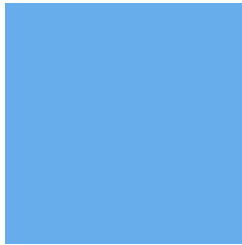


36001C



# Previews

## White Background



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

## Color Contrast Check

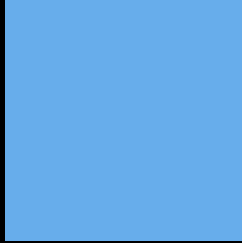
Large Text (above 18pt) WCAG AA × Fail

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 67ADEB looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

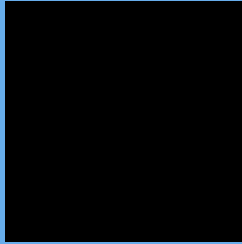
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

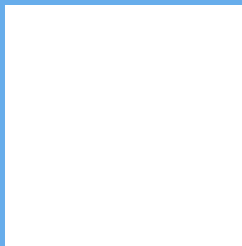
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 67ADEB Background



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

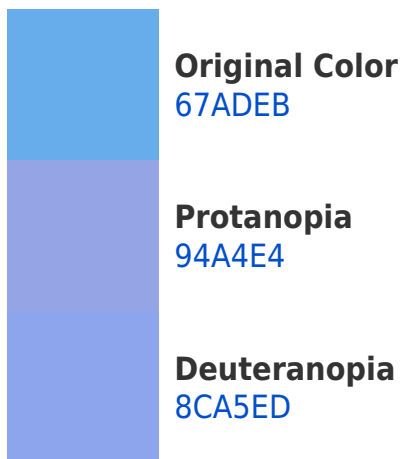


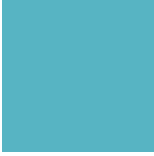
This preview shows how white text looks on a background with the Hex color 67ADEB.

# 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](#).

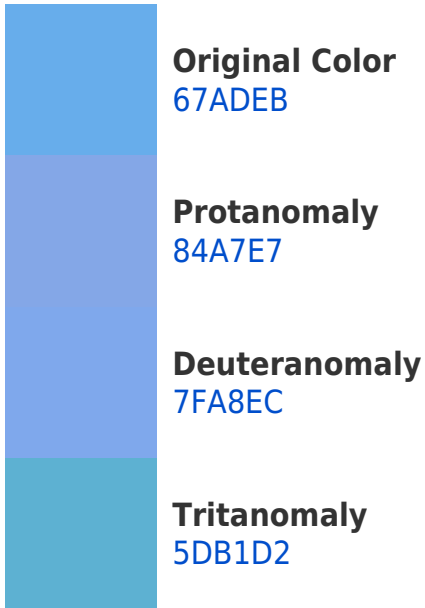
## Dichromacy



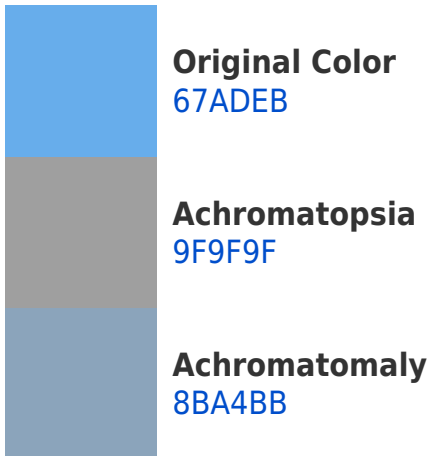


**Tritanopia**  
57B4C3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

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

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

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 #67ADEB colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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