

# Converting Colors

Hex(67AABE)

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

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# **Color**

**Hex(67AABE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	67AABE
RGB	103, 170, 190
RGB Percent	40%, 67%, 75%
CMY	0.5961, 0.3333, 0.2549
CMYK	0.46, 0.11, 0.00, 0.25
HSL	194°, 40%, 57%
HSV	194°, 46%, 75%
XYZ	29.2625, 35.3507, 53.9963
YIQ	152.2470, -46.3520, -7.9840

# Conversions

## Conversions Part 2

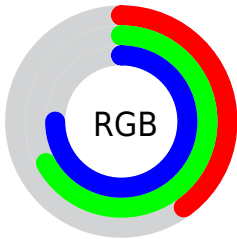
Format	Color
<a href="#">RYB</a>	<a href="#">103, 141, 190</a>
Decimal	<a href="#">6793918</a>
CIELab	<a href="#">66.02, -15.92, -16.89</a>
CIElCh	<a href="#">66, 23.210, 226.698</a>
Yxy	<a href="#">35.3507, 0.2467, 0.2980</a>
Android (android.graphics.Color)	<a href="#">4284983998 (0xFF67AABE)</a>
YUV	<a href="#">152.2470, 18.6122, -43.1896</a>
Hunter-Lab	<a href="#">59.4565, -16.1970, -12.2256</a>

# Details

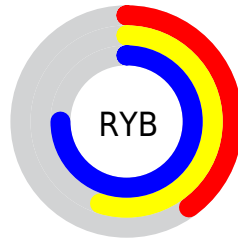
The Hex color **67AABE** is a light color, and the websafe version is hex **669999**. A complement of this color would be **BE7B67**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **9EE1F6**, and **2E7689** is the 20% darker color. If you saturate the color by 10%, you get **54A6BE**, and if you desaturate by 10%, it is **7AAEBE**.

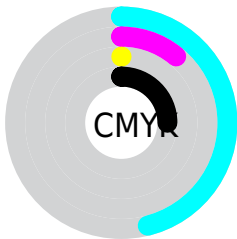
# Distribution



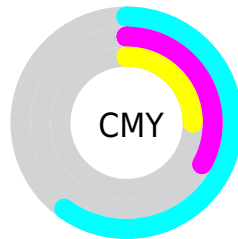
- Red (40%)
- Green (67%)
- Blue (75%)



- Red (40%)
- Yellow (55%)
- Blue (75%)



- Cyan (46%)
- Magenta (11%)
- Yellow (0%)
- Black (25%)



- Cyan (60%)
- Magenta (33%)
- Yellow (25%)

# Brightness & Saturation Gradients

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



67AABE

67AABE

FFFFFF

4B8FA3

9EE1F6

2E7689

BBFEFF

065D6F

D8FFFF

004557

F5FFFF

002F3F

001B29

000115

000000

67AABE

67AABE

■ 54A6BE

■ 7AAEBE

■ 41A1BE

■ 8DB3BE

■ 2E9DBE

■ A0B7BE

■ 1B99BE

■ B3BBBE

■ 0894BE

■ C6C0BE

■ 0092BE

■ D9C4BE

■ ECC9BE

■ FFCDBE

■ FFD1BE

# Harmonies

## Analogous

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



66ACAC



67AABE



7BA5C8

# Triad

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



67AABE



C492AB



A4A378

# Complementary

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



67AABE



BE7B67

# 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.



B89C78



67AABE



CB9295

# Square

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



67AABE



B297BD



C79583



8CA883

# Rectangle

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



67AABE



8EA1C9



C79583



ABA177



# Sweetspot

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



67AABE



D5EFF7



67BE7A



68787D



FCFCFC



7D7D7D



# Same Dimension

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



67AABE



6FD8F7



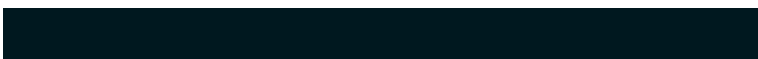
6780BE



555C5E



007A9E



00181F



# Inverse Universe

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



BE67AA



F76FD8



BEA567



5E555C



9E007A

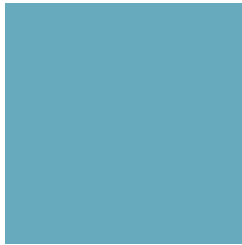


1F0018



# Previews

## White Background



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

## Color Contrast Check

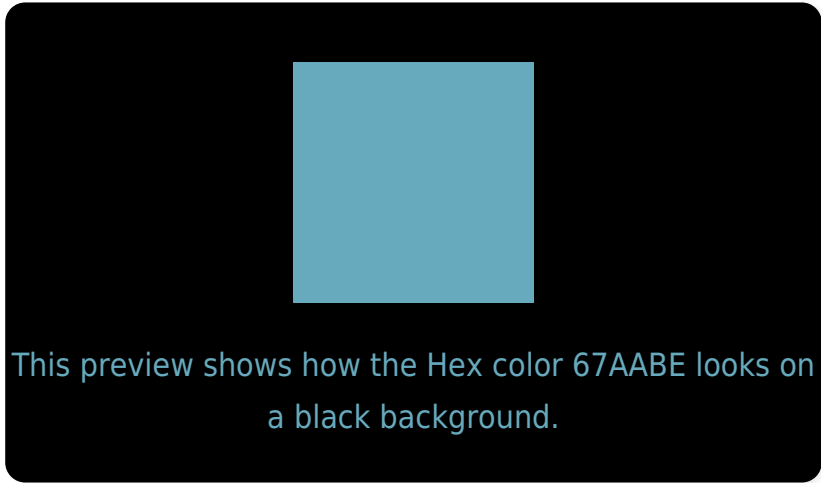
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

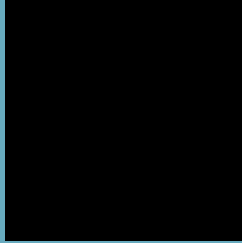
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 67AABE Background



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

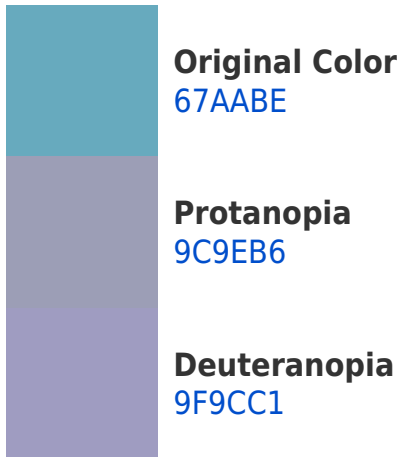


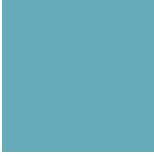
This preview shows how white text looks on a background with the Hex color 67AABE.

# 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](#).

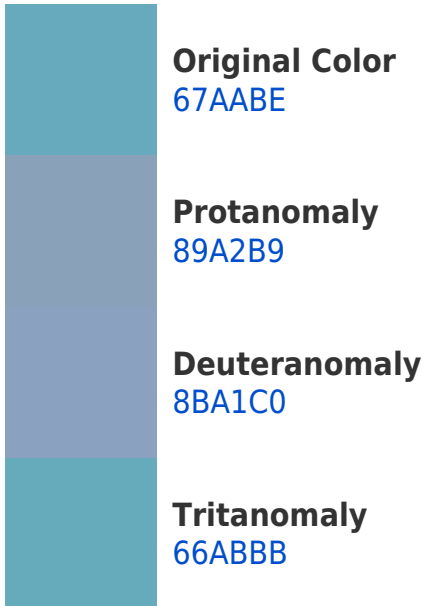
## Dichromacy



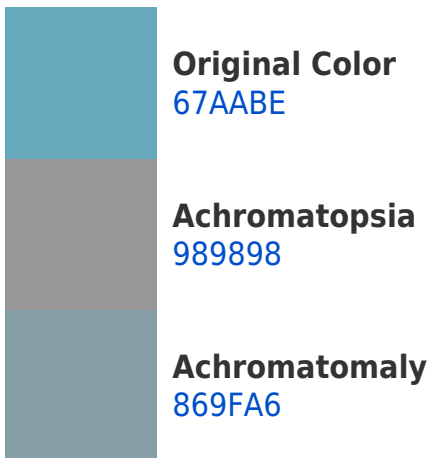


**Tritanopia**  
65ABB9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

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

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

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 #67AABE colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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