

# Converting Colors

Hex(67A5A9)

Have a look what the booklet for  
Hex(67A5A9) contains.

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**Color**

**Hex(67A5A9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	67A5A9
RGB	103, 165, 169
RGB Percent	40%, 65%, 66%
CMY	0.5961, 0.3529, 0.3373
CMYK	0.39, 0.02, 0.00, 0.34
HSL	184°, 28%, 53%
HSV	184°, 39%, 66%
XYZ	26.2101, 32.6584, 42.4584
YIQ	146.9180, -38.2360, -11.9000

# Conversions

## Conversions Part 2

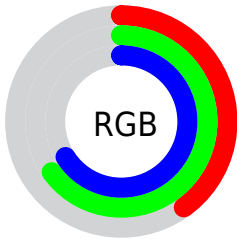
Format	Color
<a href="#">RYB</a>	<a href="#">103, 135, 169</a>
Decimal	<a href="#">6792617</a>
CIELab	<a href="#">63.88, -18.88, -8.39</a>
CIElCh	<a href="#">64, 20.657, 203.952</a>
Yxy	<a href="#">32.6584, 0.2587, 0.3223</a>
Android (android.graphics.Color)	<a href="#">4284982697</a> ( <a href="#">0xFF67A5A9</a> )
YUV	<a href="#">146.9180, 10.8864, -38.5161</a>
Hunter-Lab	<a href="#">57.1475, -18.1411, -4.0469</a>

# Details

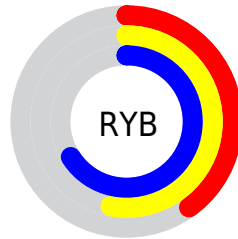
The Hex color **67A5A9** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **A96B67**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **9DDCE0**, and **327175** is the 20% darker color. If you saturate the color by 10%, you get **56A4A9**, and if you desaturate by 10%, it is **78A6A9**.

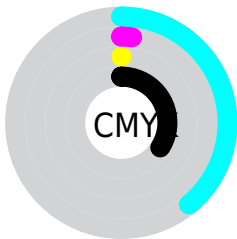
# Distribution



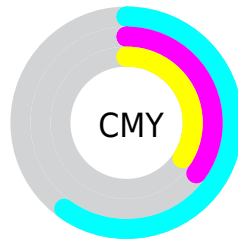
- Red (40%)
- Green (65%)
- Blue (66%)



- Red (40%)
- Yellow (53%)
- Blue (66%)



- Cyan (39%)
- Magenta (2%)
- Yellow (0%)
- Black (34%)



- Cyan (60%)
- Magenta (35%)
- Yellow (34%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 67A5A9 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 67A5A9 by changing the saturation by 10% instead.



 67A5A9

 67A5A9

FFFFFF

 4D8B8F

 9DDCE0

 327175

 B9F9FD

 13585C

 D5FFFF

 004145

 F2FFFF

 002A2F

 00171A

 000000

 67A5A9

 67A5A9

 56A4A9

 78A6A9

45A3A9

89A7A9

34A2A9

9AA8A9

23A1A9

ABA9A9

13A0A9

BBAAA9

029FA9

CCABA9

009FA9

DDACA9

EEADA9

FFAEA9

# Harmonies

## Analogous

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



71A596



67A5A9



6CA2B8

# Triad

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



67A5A9



AF91B1



AC9876

# Complementary

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



67A5A9



A96B67

# 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.



BA927E



67A5A9



BD8E9F

# Square

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



67A5A9



9997BC



C18E8D



999E79

# Rectangle

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



67A5A9



789FBE



C18E8D



B29678



# Sweetspot

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



67A5A9



C1DADB



67A96A



5E6D6E



EDEDED



6E6E6E



# Same Dimension

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



67A5A9



74D5DB



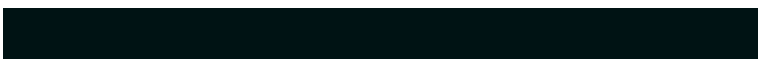
6785A9



4C5454



008B94



001314



# Inverse Universe

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



A967A5



DB74D5



A98B67



544C54



94008B

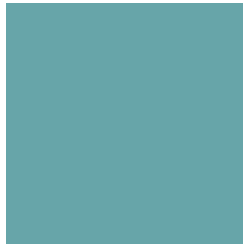


140013



# Previews

## White Background



This preview shows how the Hex color 67A5A9 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 67A5A9 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

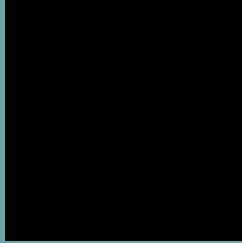
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 67A5A9 Background



This preview shows how black text looks on a background with the Hex color 67A5A9.

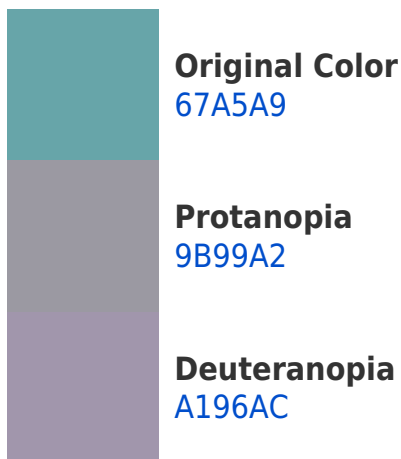


This preview shows how white text looks on a background with the Hex color 67A5A9.

# 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](#).

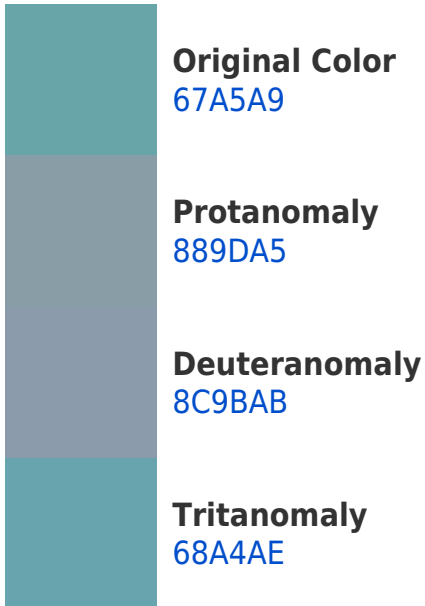
## Dichromacy





**Tritanopia**  
69A4B1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 67A5A9 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 #67A5A9 looks like.

```
.text, #text, p{  
    color:#67A5A9  
}
```

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 #67A5A9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #67A5A9
}
```

## Border

The CSS property to change the border of an element to Hex 67A5A9 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
#67A5A9 }
```

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

```
.border{ border-color:#67A5A9 }
```

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

Here you see how a box with a 4 pixel #67A5A9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #67A5A9; -webkit-box-shadow:4px 4px  
4px 4px #67A5A9; box-shadow:4px 4px 4px  
4px #67A5A9 }
```

# Background

The CSS property to change the background color of an element to Hex 67A5A9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#67A5A9 }
```

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

```
.background{ background-color:#67A5A9 }
```

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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