

Converting Colors

Hex(67AD9A)

Have a look what the booklet for
Hex(67AD9A) contains.

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Color

Hex(67AD9A)

Conversions

Conversions Part 1

Format	Color
Hex	67AD9A
RGB	103, 173, 154
RGB Percent	40%, 68%, 60%
CMY	0.5961, 0.3216, 0.3961
CMYK	0.40, 0.00, 0.11, 0.32
HSL	164°, 30%, 54%
HSV	164°, 40%, 68%
XYZ	26.3698, 35.1038, 35.9577
YIQ	149.9040, -35.6210, -20.7490

Conversions

Conversions Part 2

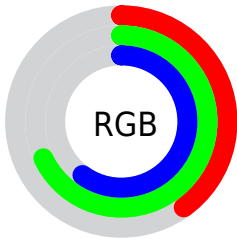
Format	Color
RYB	103, 143, 173
Decimal	6794650
CIELab	65.83, -26.61, 2.84
CIELCh	66, 26.758, 173.901
Yxy	35.1038, 0.2707, 0.3603
Android (android.graphics.Color)	4284984730 (0xFF67AD9A)
YUV	149.9040, 2.0193, -41.1348
Hunter-Lab	59.2485, -24.2395, 5.4910

Details

The Hex color **67AD9A** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **AD677A**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **9DE5D0**, and **327867** is the 20% darker color. If you saturate the color by 10%, you get **56AD95**, and if you desaturate by 10%, it is **78AD9F**.

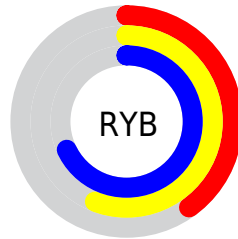
Distribution



Red (40%)

Green (68%)

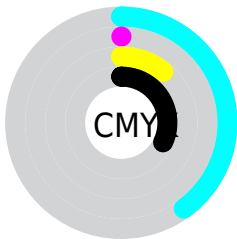
Blue (60%)



Red (40%)

Yellow (56%)

Blue (68%)

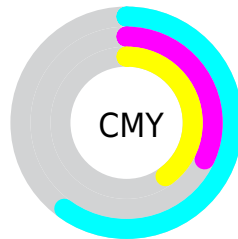


Cyan (40%)

Magenta (0%)

Yellow (11%)

Black (32%)



Cyan (60%)

Magenta (32%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 67AD9A 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 67AD9A by changing the saturation by 10% instead.

67AD9A

67AD9A

FFFFFF

4D9280

9DE5D0

327867

B9FFED

135F4F

D5FFFF

004738

F2FFFF

003023

001D0D

000000

67AD9A

67AD9A

56AD95

78AD9F

44AD91

8AADA3

33AD8C

9BADA8

22AD87

ACADAD

10AD83

BEADB1

00AD7E

CFADB6

E0ADBB

F1ADC0

FFADC4

Harmonies

Analogous

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



81AA83



67AD9A



56ADB2

Triad

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



67AD9A



9D9BCC



C8957A

Complementary

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



67AD9A



AD677A

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.



D08F8E



67AD9A



BA93BC

Square

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



67AD9A



7AA4CF



CC8FA6



B69D70

Rectangle

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



67AD9A



58ABC0



CC8FA6



CC9380

Sweetspot

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



67AD9A



C5E0D9



7BAD67



60706C



F0F0F0



707070

Same Dimension

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



67AD9A



72E0C3



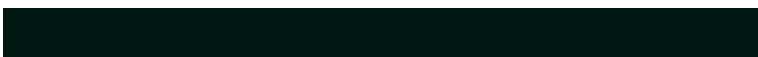
679EAD



4E5754



00966E



001711

Inverse Universe

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



AD677A



E07290



AD7667



574E50



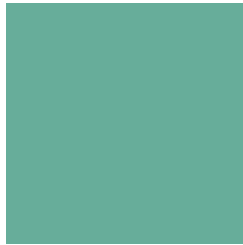
960029



170006

Previews

White Background



This preview shows how the Hex color 67AD9A looks on a white background.

Color Contrast Check

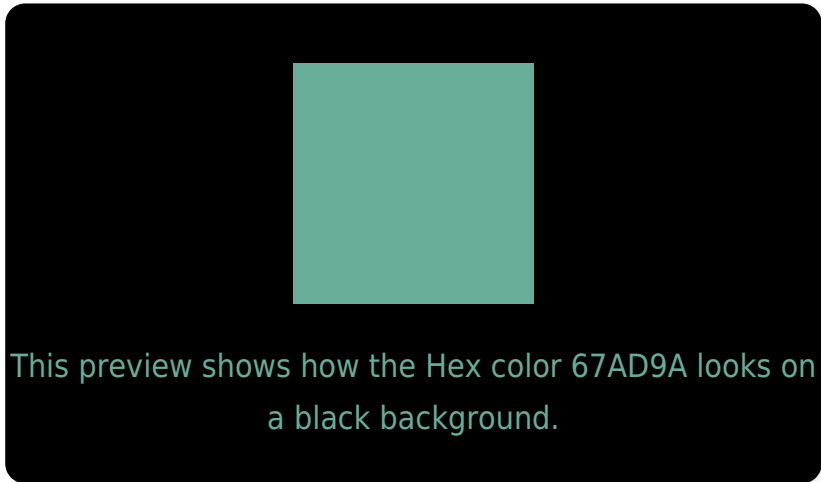
Large Text (above 18pt) WCAG AA × Fail

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 67AD9A Background



This preview shows how black text looks on a background with the Hex color 67AD9A.

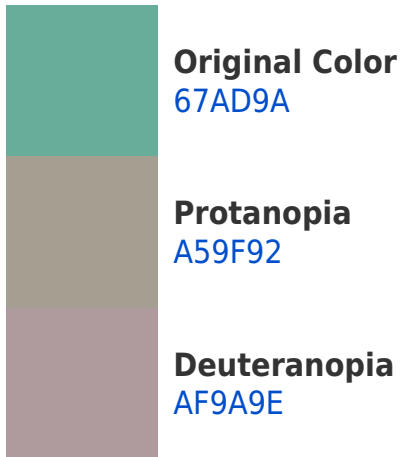


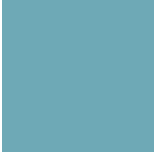
This preview shows how white text looks on a background with the Hex color 67AD9A.

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](#).

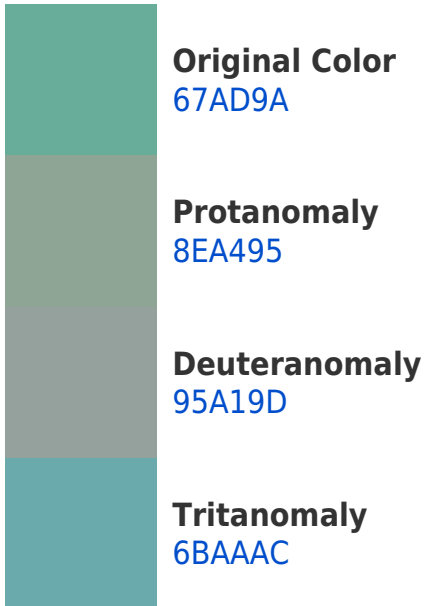
Dichromacy



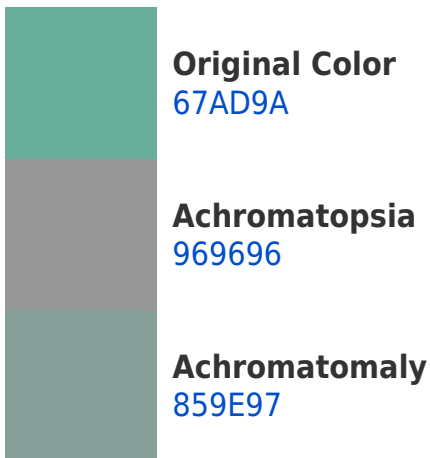


Tritanopia
6EA9B6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 67AD9A 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 #67AD9A looks like.

```
.text, #text, p{  
  color:#67AD9A  
}
```

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 #67AD9A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #67AD9A
}
```

Border

The CSS property to change the border of an element to Hex 67AD9A 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
#67AD9A }
```

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

```
.border{ border-color:#67AD9A }
```

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

Here you see how a box with a 4 pixel #67AD9A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #67AD9A; -webkit-box-shadow:4px 4px  
4px 4px #67AD9A; box-shadow:4px 4px 4px  
4px #67AD9A }
```

Background

The CSS property to change the background color of an element to Hex 67AD9A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#67AD9A }
```

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

```
.background{ background-color:#67AD9A }
```

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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