

# Converting Colors

Hex(60AC9B)

Have a look what the booklet for  
Hex(60AC9B) contains.

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**Color**

**Hex(60AC9B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	60AC9B
RGB	96, 172, 155
RGB Percent	38%, 67%, 61%
CMY	0.6235, 0.3255, 0.3922
CMYK	0.44, 0.00, 0.10, 0.33
HSL	167°, 31%, 53%
HSV	167°, 44%, 67%
XYZ	25.4928, 34.3584, 36.2986
YIQ	147.3380, -39.8390, -21.3990

# Conversions

## Conversions Part 2

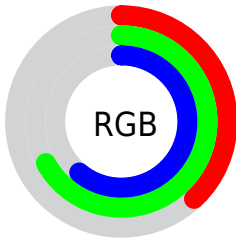
Format	Color
<a href="#">RYB</a>	<a href="#">96, 139, 172</a>
Decimal	<a href="#">6335643</a>
CIELab	<a href="#">65.25, -27.75, 1.40</a>
CIELCh	<a href="#">65, 27.783, 177.108</a>
Yxy	<a href="#">34.3584, 0.2651, 0.3573</a>
Android (android.graphics.Color)	<a href="#">4284525723</a> ( <a href="#">0xFF60AC9B</a> )
YUV	<a href="#">147.3380, 3.7774, -45.0234</a>
Hunter-Lab	<a href="#">58.6160, -24.9464, 4.3153</a>

# Details

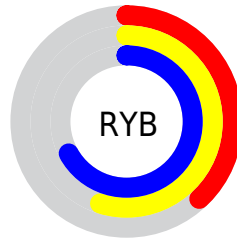
The Hex color **60AC9B** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **AC6071**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **96E4D1**, and **297768** is the 20% darker color. If you saturate the color by 10%, you get **4FAC97**, and if you desaturate by 10%, it is **71AC9F**.

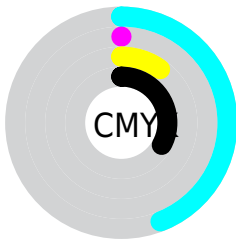
# Distribution



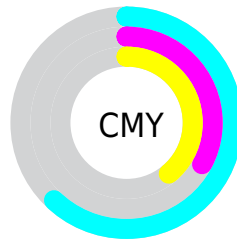
- Red (38%)
- Green (67%)
- Blue (61%)



- Red (38%)
- Yellow (55%)
- Blue (67%)



- Cyan (44%)
- Magenta (0%)
- Yellow (10%)
- Black (33%)



- Cyan (62%)
- Magenta (33%)
- Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 60AC9B 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 60AC9B by changing the saturation by 10% instead.



 60AC9B

 60AC9B


FFFFFF

 459181

 96E4D1

 297768

 B2FFEE

 015E50

 CFFFFFF

 004639

 EFFFFFF

 002F24

 001B0E

 000000

 60AC9B

 60AC9B

 4FAC97

 71AC9F

 3EAC93

 82ACA3

 2CAC8F

 94ACA7

 1BAC8C

 A5ACAA

 0AAC88

 B6ACAE

 00AC86

 C7ACB2

 D8ACB6

 EAACBA

 FBACBE

# Harmonies

## Analogous

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



7CA983



60AC9B



50ACB4

# Triad

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



60AC9B



9F99CB



C69475

# Complementary

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



60AC9B



AC6071

# 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.



D08D89



60AC9B



BC91BA

# Square

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



60AC9B



7BA1D0



CD8CA2



B29C6D

# Rectangle

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



60AC9B



53AAC2



CD8CA2



CB917B



# Sweetspot

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



60AC9B



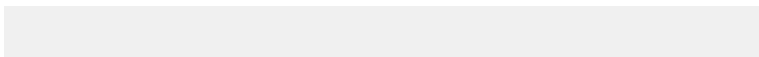
C3E0DA



72AC60



5E706C



F0F0F0



707070



# Same Dimension

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



60AC9B



69E0C6



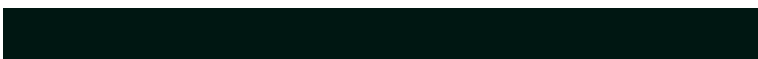
6098AC



4E5755



009675



001712



# Inverse Universe

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



AC6071



E06984



AC7460



574E50



960022

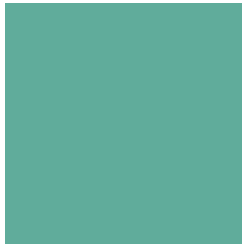


170005



# Previews

## White Background



This preview shows how the Hex color 60AC9B looks on a white background.

## Color Contrast Check

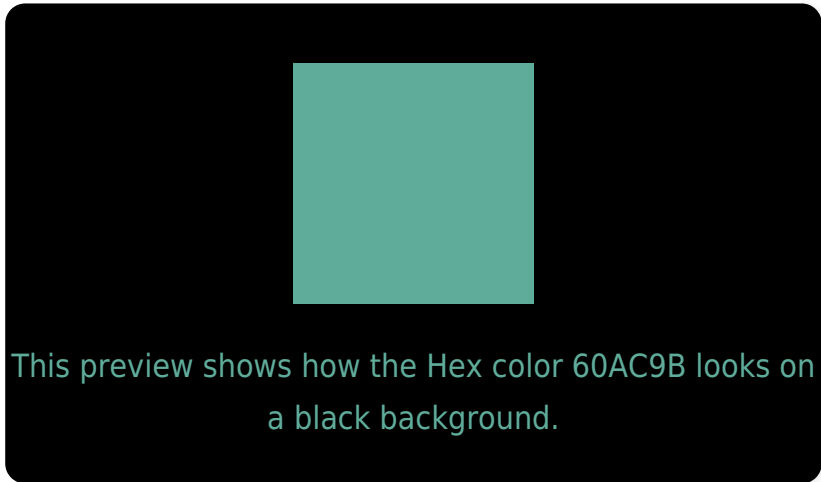
Large Text (above 18pt) WCAG AA × Fail

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

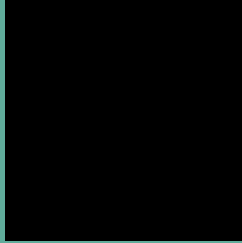
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 60AC9B Background



This preview shows how black text looks on a background with the Hex color 60AC9B.

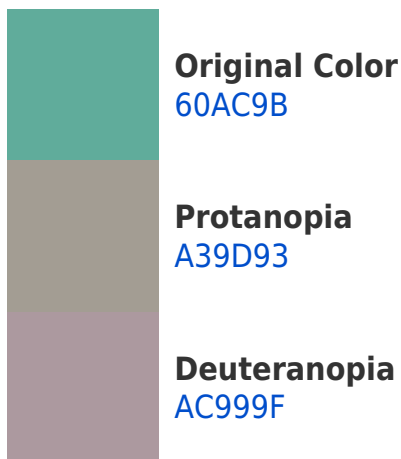


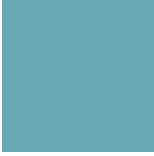
This preview shows how white text looks on a background with the Hex color 60AC9B.

# 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](#).

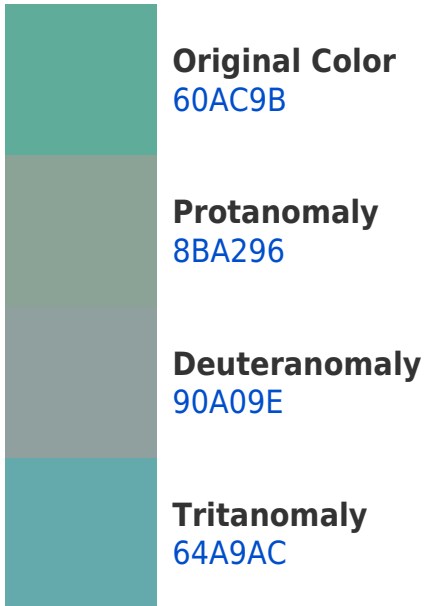
## Dichromacy



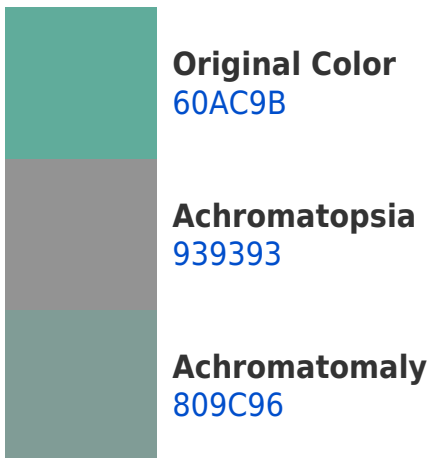


**Tritanopia**  
67A8B6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 60AC9B 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 #60AC9B looks like.

```
.text, #text, p{  
    color:#60AC9B  
}
```

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 #60AC9B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #60AC9B
}
```

## Border

The CSS property to change the border of an element to Hex 60AC9B 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
#60AC9B }
```

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

```
.border{ border-color:#60AC9B }
```

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

Here you see how a box with a 4 pixel #60AC9B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #60AC9B; -webkit-box-shadow:4px 4px  
4px 4px #60AC9B; box-shadow:4px 4px 4px  
4px #60AC9B }
```

# Background

The CSS property to change the background color of an element to Hex 60AC9B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#60AC9B }
```

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

```
.background{ background-color:#60AC9B }
```

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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