

# Converting Colors

Hex(60A696)

Have a look what the booklet for  
Hex(60A696) contains.

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**Color**

**Hex(60A696)**

# Conversions

## Conversions Part 1

Format	Color
Hex	60A696
RGB	96, 166, 150
RGB Percent	38%, 65%, 59%
CMY	0.6235, 0.3490, 0.4118
CMYK	0.42, 0.00, 0.10, 0.35
HSL	166°, 28%, 51%
HSV	166°, 42%, 65%
XYZ	23.9651, 31.9612, 33.7602
YIQ	143.2460, -36.5840, -19.8160

# Conversions

## Conversions Part 2

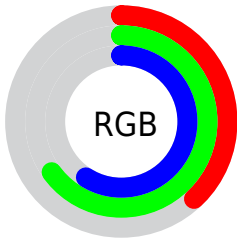
<b>Format</b>	<b>Color</b>
<b>RYB</b>	96, 136, 166
Decimal	6334102
CIELab	63.31, -25.98, 1.38
CIElCh	63, 26.017, 176.968
Yxy	31.9612, 0.2672, 0.3564
Android (android.graphics.Color)	4284524182 (0xFF60A696)
YUV	143.2460, 3.3297, -41.4347
Hunter-Lab	56.5343, -23.2681, 4.1682

# Details

The Hex color **60A696** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **A66070**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **96DDCC**, and **2A7263** is the 20% darker color. If you saturate the color by 10%, you get **4FA692**, and if you desaturate by 10%, it is **71A69A**.

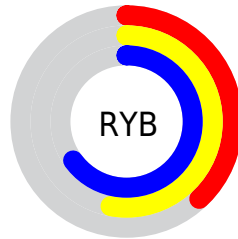
# Distribution



Red (38%)

Green (65%)

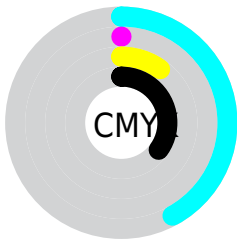
Blue (59%)



Red (38%)

Yellow (53%)

Blue (65%)

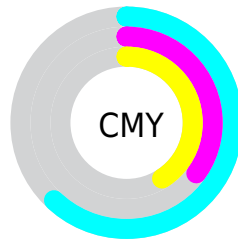


Cyan (42%)

Magenta (0%)

Yellow (10%)

Black (35%)



Cyan (62%)

Magenta (35%)

Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 60A696 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 60A696 by changing the saturation by 10% instead.





60A696



60A696

FFFFFF



458B7C



96DDCC



2A7263



B2FAE8



07594B



CEFFFF



004135



EBFFFF



002A20



001408



000000



60A696



60A696



4FA692



71A69A

 3FA68E

 81A69E

 2EA68B

 92A6A1

 1EA687

 A2A6A5

 0DA683

 B3A6A9

 00A680

 C4A6AD

 D4A6B1

 E5A6B4

 F5A6B8

# Harmonies

## Analogous

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



79A37F



60A696



52A6AD

# Triad

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



60A696



9A94C2



BE8F73

# Complementary

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



60A696



A66070

# 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.



C88A85



60A696



B58DB3

# Square

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



60A696



789CC7



C5889D



AC976B

# Rectangle

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



60A696



55A4BA



C5889D



C38D78



# Sweetspot

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



60A696



BDD9D2



70A660



5C6E6A



EDEDED



6E6E6E



# Same Dimension

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



60A696



6AD9BF



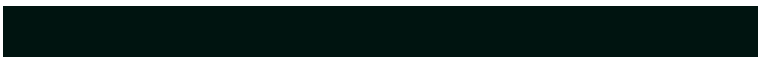
6093A6



4C5452



009472



001410



# Inverse Universe

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



A66070



D96A83



A67360



544C4E



940022

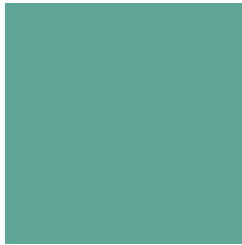


140005



# Previews

## White Background



This preview shows how the Hex color 60A696 looks on a white background.

## Color Contrast Check

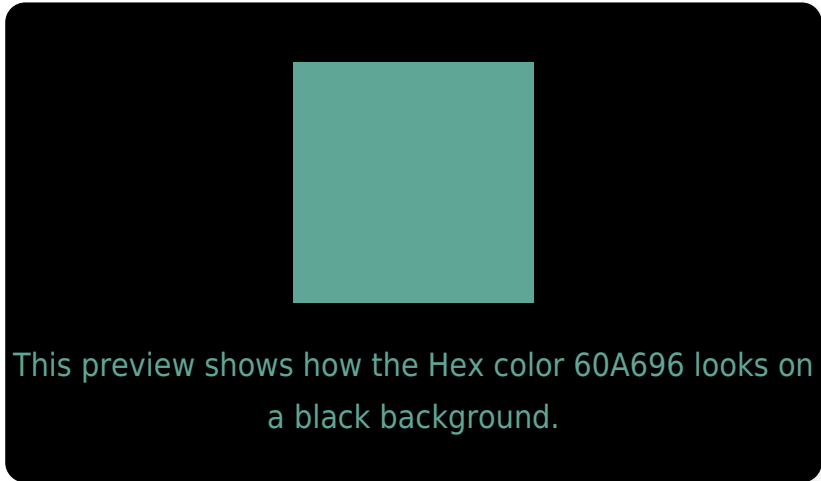
Large Text (above 18pt) WCAG AA × Fail

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 60A696 Background



This preview shows how black text looks on a background with the Hex color 60A696.

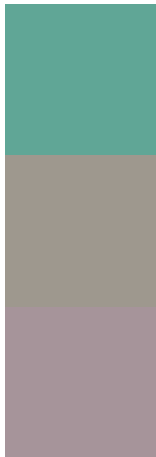


This preview shows how white text looks on a background with the Hex color 60A696.

# 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



**Original Color**  
60A696

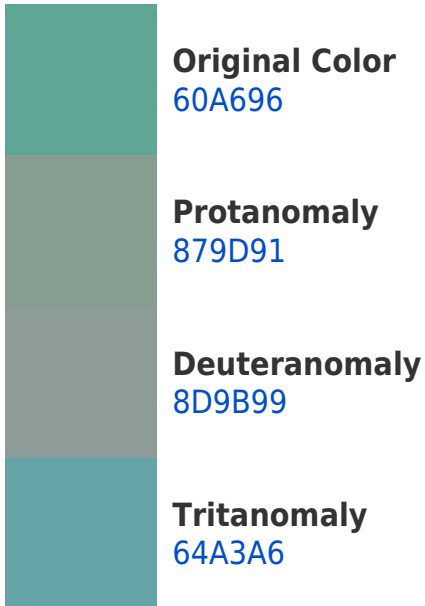
**Protanopia**  
9E988E

**Deuteranopia**  
A6949A

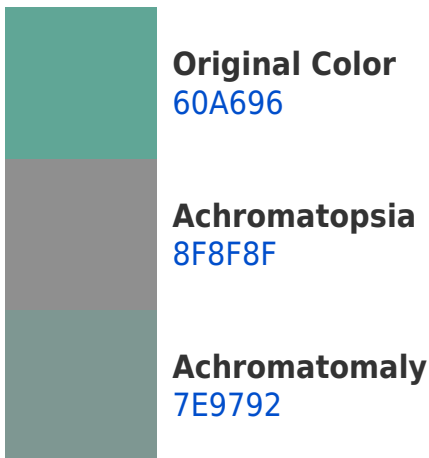


**Tritanopia**  
67A2AF

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 60A696 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 #60A696 looks like.

```
.text, #text, p{  
    color:#60A696  
}
```

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 #60A696 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #60A696
}
```

## Border

The CSS property to change the border of an element to Hex 60A696 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
#60A696 }
```

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

```
.border{ border-color:#60A696 }
```

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

Here you see how a box with a 4 pixel #60A696 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #60A696; -webkit-box-shadow:4px 4px  
4px 4px #60A696; box-shadow:4px 4px 4px  
4px #60A696 }
```

# Background

The CSS property to change the background color of an element to Hex 60A696 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#60A696 }
```

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

```
.background{ background-color:#60A696 }
```

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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