

# Converting Colors

Hex(60BA96)

Have a look what the booklet for  
Hex(60BA96) contains.

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**Color**

**Hex(60BA96)**

# Conversions

## Conversions Part 1

Format	Color
Hex	60BA96
RGB	96, 186, 150
RGB Percent	38%, 73%, 59%
CMY	0.6235, 0.2706, 0.4118
CMYK	0.48, 0.00, 0.19, 0.27
HSL	156°, 39%, 55%
HSV	156°, 48%, 73%
XYZ	27.8878, 39.8066, 35.0678
YIQ	154.9860, -42.0840, -30.2760

# Conversions

## Conversions Part 2

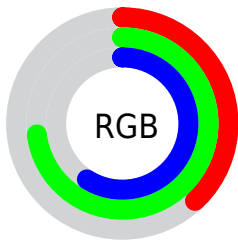
Format	Color
<a href="#">RYB</a>	<a href="#">96, 152, 186</a>
Decimal	<a href="#">6339222</a>
CIELab	<a href="#">69.33, -35.56, 10.03</a>
CIELCh	<a href="#">69, 36.949, 164.247</a>
Yxy	<a href="#">39.8066, 0.2714, 0.3874</a>
Android (android.graphics.Color)	<a href="#">4284529302</a> ( <a href="#">0xFF60BA96</a> )
YUV	<a href="#">154.9860, -2.4581, -51.7307</a>
Hunter-Lab	<a href="#">63.0925, -31.5122, 11.2105</a>

# Details

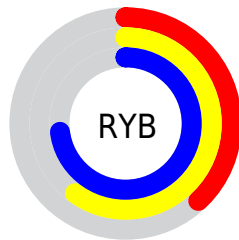
The Hex color **60BA96** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **BA6084**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **98F3CC**, and **268463** is the 20% darker color. If you saturate the color by 10%, you get **4DBA8F**, and if you desaturate by 10%, it is **73BA9D**.

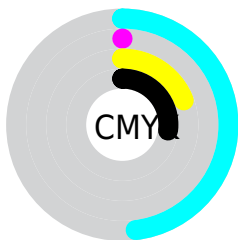
# Distribution



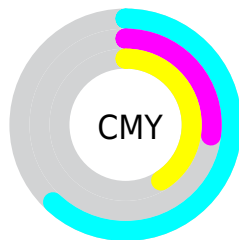
- Red (38%)
- Green (73%)
- Blue (59%)



- Red (38%)
- Yellow (60%)
- Blue (73%)



- Cyan (48%)
- Magenta (0%)
- Yellow (19%)
- Black (27%)



- Cyan (62%)
- Magenta (27%)
- Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 60BA96 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 60BA96 by changing the saturation by 10% instead.



 60BA96

 60BA96

FFFFFF

 449F7C

 98F3CC

 268463

 B4FFE8

 006A4B

 D1FFFF

 005235

 EEFFFF

 003A1F

 002508

 000000

 60BA96

 60BA96

 4DBA8F

 73BA9D

 3BBA87

 85BAA5

 28BA80

 98BAAC

 16BA78

 AABAB4

 03BA71

 BDBABB

 00BA70

 D0BAC3

 E2BACA

 F5BAD2

 FFBAD9

# Harmonies

## Analogous

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



8AB578



60BA96



31BBB9

# Triad

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



60BA96



93A7EA



E4967C

# Complementary

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



60BA96



BA6084

# 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.



EB909A



60BA96



C19BD9

# Square

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



60BA96



5AB2E9



E091BC



CFA169

# Rectangle

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



60BA96



1DBACE



E091BC



E89385



# Sweetspot

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



60BA96



CEF2E4



84BA60



647A72



FAFAFA



7A7A7A



# Same Dimension

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



60BA96



66F2BA



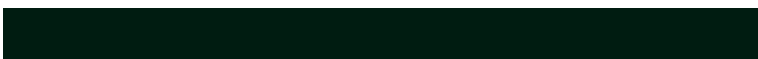
60B1BA



535C58



009C5D



001C11



# Inverse Universe

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



BA6084



F2669E



BA6960



5C5356



9C003E

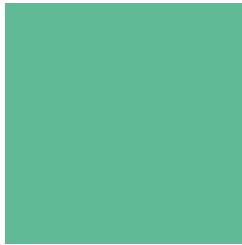


1C000B



# Previews

## White Background



This preview shows how the Hex color 60BA96 looks on a white background.

## Color Contrast Check

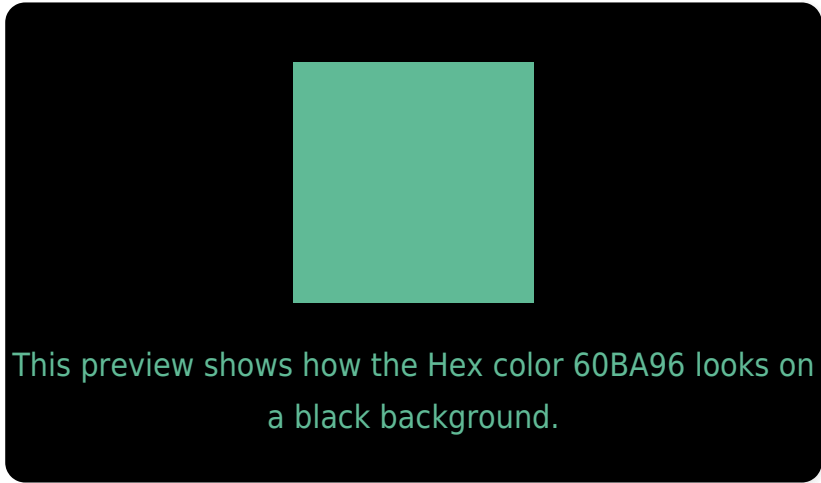
Large Text (above 18pt) WCAG AA × Fail

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

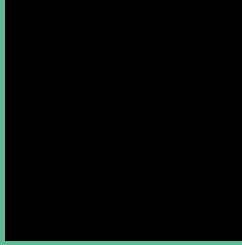
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 60BA96 Background



This preview shows how black text looks on a background with the Hex color 60BA96.

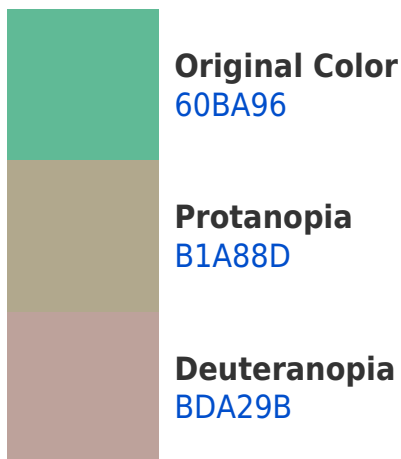


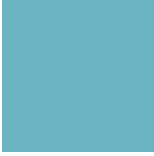
This preview shows how white text looks on a background with the Hex color 60BA96.

# 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](#).

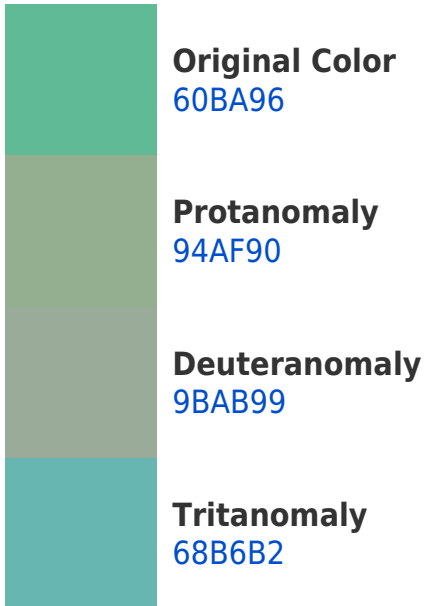
## Dichromacy





**Tritanopia**  
6CB4C2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 60BA96 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 #60BA96 looks like.

```
.text, #text, p{  
    color:#60BA96  
}
```

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 #60BA96 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #60BA96
}
```

## Border

The CSS property to change the border of an element to Hex 60BA96 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
#60BA96 }
```

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

```
.border{ border-color:#60BA96 }
```

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

Here you see how a box with a 4 pixel #60BA96 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #60BA96; -webkit-box-shadow:4px 4px  
4px 4px #60BA96; box-shadow:4px 4px 4px  
4px #60BA96 }
```

# Background

The CSS property to change the background color of an element to Hex 60BA96 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#60BA96 }
```

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

```
.background{ background-color:#60BA96 }
```

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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