

# Converting Colors

Hex(60B7A7)

Have a look what the booklet for  
Hex(60B7A7) contains.

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**Color**

**Hex(60B7A7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	60B7A7
RGB	96, 183, 167
RGB Percent	38%, 72%, 65%
CMY	0.6235, 0.2824, 0.3451
CMYK	0.48, 0.00, 0.09, 0.28
HSL	169°, 38%, 55%
HSV	169°, 48%, 72%
XYZ	28.7324, 39.1438, 42.6004
YIQ	155.1630, -46.7160, -23.4200

# Conversions

## Conversions Part 2

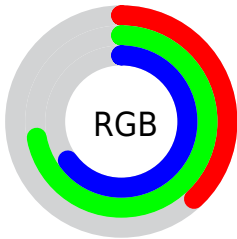
<b>Format</b>	<b>Color</b>
<b>RYB</b>	96, 144, 183
Decimal	6338471
CIELab	68.86, -30.19, 0.02
CIELCh	69, 30.187, 179.955
Yxy	39.1438, 0.2601, 0.3543
Android (android.graphics.Color)	4284528551 (0xFF60B7A7)
YUV	155.1630, 5.8356, -51.8860
Hunter-Lab	62.5650, -27.5142, 3.4251

# Details

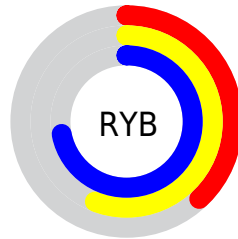
The Hex color **60B7A7** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **B76070**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **98EFDE**, and **258273** is the 20% darker color. If you saturate the color by 10%, you get **4EB7A4**, and if you desaturate by 10%, it is **72B7AA**.

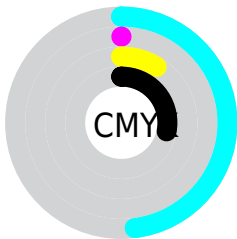
# Distribution



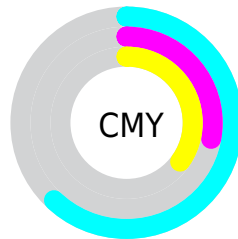
- Red (38%)
- Green (72%)
- Blue (65%)



- Red (38%)
- Yellow (56%)
- Blue (72%)



- Cyan (48%)
- Magenta (0%)
- Yellow (9%)
- Black (28%)



- Cyan (62%)
- Magenta (28%)
- Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 60B7A7 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 60B7A7 by changing the saturation by 10% instead.



 60B7A7

 60B7A7

FFFFFF

 449C8D

 98EFDE

 258273

 B4FFFB

 00685B

 D1FFFF

 004F43

 EEEFFF

 00382D

 002318

 000000

 60B7A7

 60B7A7

 4EB7A4

 72B7AA

 3BB7A0

 85B7AE

 29B79D

 97B7B1

 17B79A

 A9B7B4

 05B796

 BBB7B8

 00B795

 CEB7BB

 E0B7BF

 F2B7C2

 FFB7C5

# Harmonies

## Analogous

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



7EB48C



60B7A7



4FB6C2

# Triad

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



60B7A7



ACA1D7



D29D7A

# Complementary

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



60B7A7



B76070

# 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.



DE968E



60B7A7



CB98C4

# Square

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



60B7A7



84ABDE



DC94A9



BBA671

# Rectangle

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



60B7A7



55B4D1



DC94A9



D79A7F



# Sweetspot

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



60B7A7



CCEDE7



71B760



637874



F7F7F7



787878



# Same Dimension

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



60B7A7



66EDD4



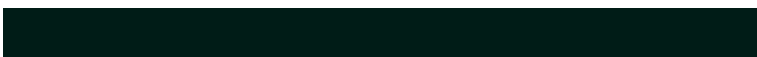
609DB7



535C5A



009C7F



001C17



# Inverse Universe

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



B76070



ED667F



B77A60



5C5354



9C001D

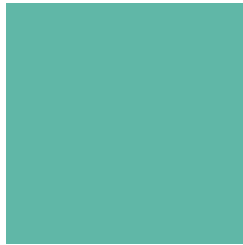


1C0005



# Previews

## White Background



This preview shows how the Hex color 60B7A7 looks on a white background.

## Color Contrast Check

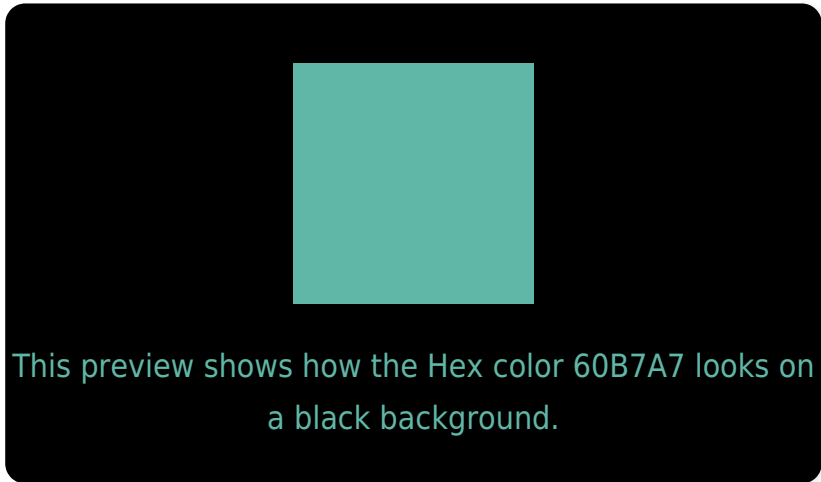
Large Text (above 18pt) WCAG AA × Fail

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

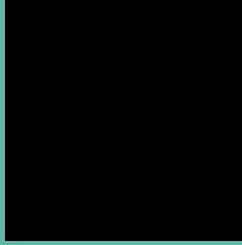
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

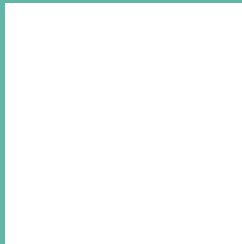
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 60B7A7 Background



This preview shows how black text looks on a background with the Hex color 60B7A7.

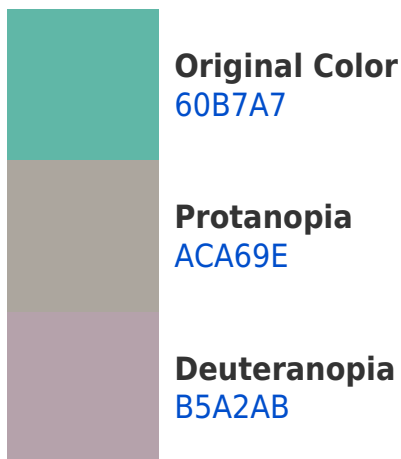


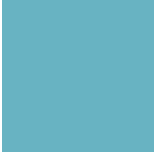
This preview shows how white text looks on a background with the Hex color 60B7A7.

# 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](#).

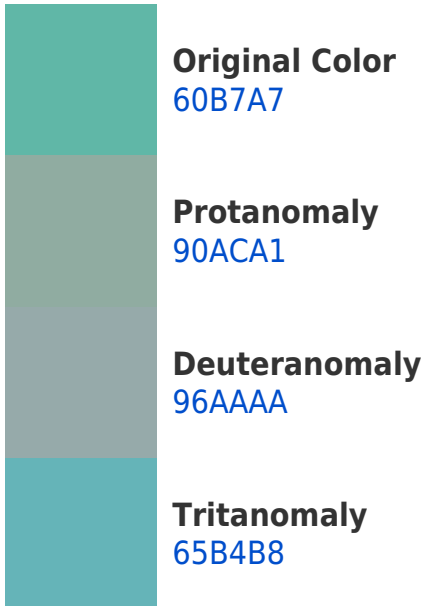
## Dichromacy



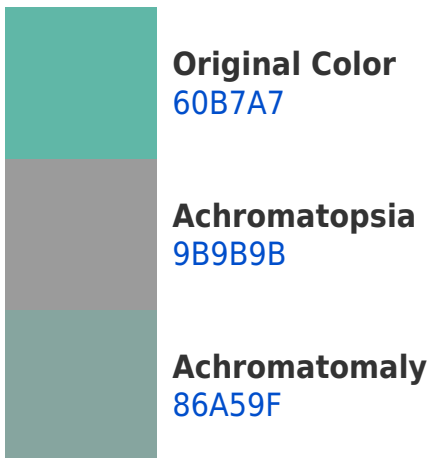


**Tritanopia**  
68B3C2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 60B7A7 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 #60B7A7 looks like.

```
.text, #text, p{  
    color:#60B7A7  
}
```

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 #60B7A7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #60B7A7  
}
```

## Border

The CSS property to change the border of an element to Hex 60B7A7 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  
#60B7A7 }
```

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

```
.border{ border-color:#60B7A7 }
```

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

Here you see how a box with a 4 pixel #60B7A7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #60B7A7; -webkit-box-shadow:4px 4px  
4px 4px #60B7A7; box-shadow:4px 4px 4px  
4px #60B7A7 }
```

# Background

The CSS property to change the background color of an element to Hex 60B7A7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#60B7A7 }
```

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

```
.background{ background-color:#60B7A7 }
```

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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