

# Converting Colors

Hex(60CBAD)

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

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# Color

**Hex(60CBAD)**

# Conversions

## Conversions Part 1

Format	Color
Hex	60CBAD
RGB	96, 203, 173
RGB Percent	38%, 80%, 68%
CMY	0.6235, 0.2039, 0.3216
CMYK	0.53, 0.00, 0.15, 0.20
HSL	163°, 51%, 59%
HSV	163°, 53%, 80%
XYZ	33.7226, 48.2158, 47.0644
YIQ	167.5870, -54.1420, -32.0140

# Conversions

## Conversions Part 2

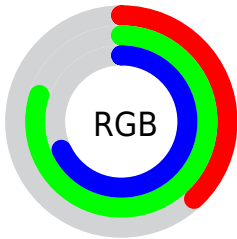
<b>Format</b>	<b>Color</b>
<b>RYB</b>	96, 158, 203
Decimal	6343597
CIELab	74.96, -38.10, 5.61
CIELCh	75, 38.515, 171.625
Yxy	48.2158, 0.2614, 0.3738
Android (android.graphics.Color)	4284533677 (0xFF60CBAD)
YUV	167.5870, 2.6686, -62.7818
Hunter-Lab	69.4376, -34.8266, 8.4199

# Details

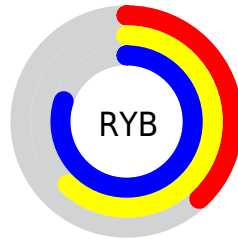
The Hex color **60CBAD** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **CB607E**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **9AFFE4**, and **1E9479** is the 20% darker color. If you saturate the color by 10%, you get **4CCBA7**, and if you desaturate by 10%, it is **74CBB3**.

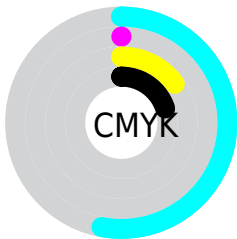
# Distribution



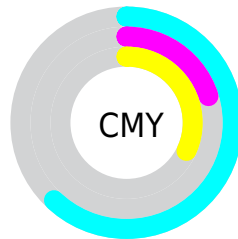
- Red (38%)
- Green (80%)
- Blue (68%)



- Red (38%)
- Yellow (62%)
- Blue (80%)



- Cyan (53%)
- Magenta (0%)
- Yellow (15%)
- Black (20%)



- Cyan (62%)
- Magenta (20%)
- Yellow (32%)

# Brightness & Saturation Gradients

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



 60CBAD

 60CBAD

FFFFFF

 42AF92

 9AFFE4

 1E9479

 B7FFFF

 007A60

 D4FFFF


 006048

 F2FFFF

 004832

 00301D

 001A03

 000000

 60CBAD

 60CBAD

 4CCBA7

 74CBB3

 37CBA2

 89CBB8

 23CB9C

 9DCBBE

 0FCB96

 B1CBC4

 00CB92

 C6CBC9

 DACBCF

 EECBD5

 FFCBDB

 FFCBE0

# Harmonies

## Analogous

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



8DC78B



60CBAD



33CBD1

# Triad

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



60CBAD



AFB3FA



F3A782

# Complementary

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



60CBAD



CB607E

# 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.



FE9EA0



60CBAD



DCA6E5

# Square

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



60CBAD



75BFFE



F79EC4



D9B372

# Rectangle

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



60CBAD



2FC9E6



F79EC4



F8A38B

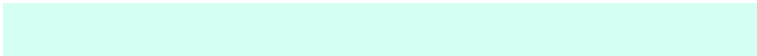


# Sweetspot

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



60CBAD



D6FFF4



7ECB60



678079



000000



808080



# Same Dimension

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



60CBAD



5EFFD2



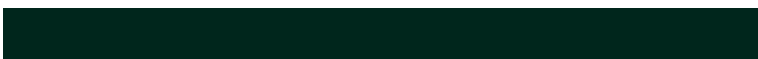
60B4CB



5C6663



00A677



00261C



# Inverse Universe

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



CB607E



FF5E8B



CB7760



665C5F



A6002E

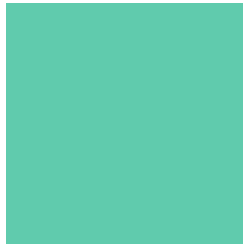


26000B



# Previews

## White Background



This preview shows how the Hex color 60CBAD 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



This preview shows how the Hex color 60CBAD looks on a 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 60CBAD Background



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



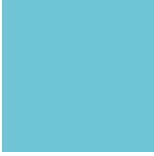
This preview shows how white text looks on a background with the Hex color 60CBAD.

# 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**  
6DC5D5

# Trichromacy



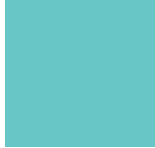
**Original Color**  
60CBAD



**Protanomaly**  
9CBEA6



**Deuteranomaly**  
A4BAB1



**Tritanomaly**  
68C7C6

# Monochromacy



**Original Color**  
60CBAD



**Achromatopsia**  
A8A8A8



**Achromatomaly**  
8EB5AA

# CSS Examples

## Text

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

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

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 #60CBAD colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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