

# Converting Colors

Hex(60B7CA)

Have a look what the booklet for  
Hex(60B7CA) contains.

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**Color**

**Hex(60B7CA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	60B7CA
RGB	96, 183, 202
RGB Percent	38%, 72%, 79%
CMY	0.6235, 0.2824, 0.2078
CMYK	0.52, 0.09, 0.00, 0.21
HSL	191°, 50%, 58%
HSV	191°, 52%, 79%
XYZ	32.4180, 40.6180, 62.0086
YIQ	159.1530, -57.9510, -12.5350

# Conversions

## Conversions Part 2

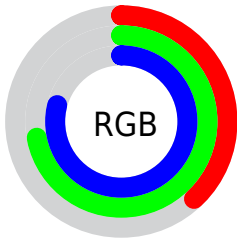
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	96, 144, 202
Decimal	6338506
CIE <sub>Lab</sub>	69.91, -20.95, -17.66
CIE <sub>LCh</sub>	70, 27.399, 220.136
Yxy	40.6180, 0.2401, 0.3008
Android (android.graphics.Color)	4284528586 (0xFF60B7CA)
YUV	159.1530, 21.1236, -55.3852
Hunter-Lab	63.7323, -20.7358, -13.0738

# Details

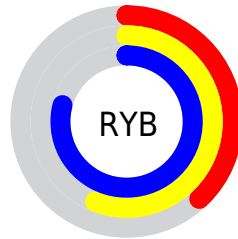
The Hex color **60B7CA** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **CA7360**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **9AEFFF**, and **1F8294** is the 20% darker color. If you saturate the color by 10%, you get **4CB3CA**, and if you desaturate by 10%, it is **74BBCA**.

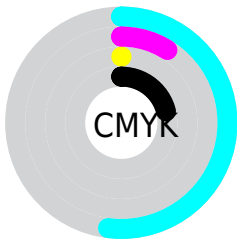
# Distribution



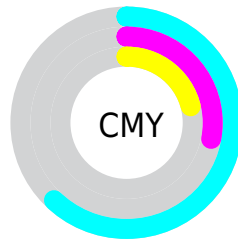
- Red (38%)
- Green (72%)
- Blue (79%)



- Red (38%)
- Yellow (56%)
- Blue (79%)



- Cyan (52%)
- Magenta (9%)
- Yellow (0%)
- Black (21%)



- Cyan (62%)
- Magenta (28%)
- Yellow (21%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 60B7CA 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 60B7CA by changing the saturation by 10% instead.



 60B7CA

 60B7CA

FFFFFF

 429CAF

 9AEFFF

 1F8294

 B6FFFF

 00697A

 D4FFFF

 005061

 F1FFFF

 003949

 002333

 00021E

 000001

 000000

■ 60B7CA

■ 60B7CA

■ 4CB3CA

■ 74BBCA

■ 38B0CA

■ 88BECA

■ 23ACCA

■ 9DC2CA

■ 0FA9CA

■ B1C5CA

■ 00A6CA

■ C5C9CA

■ D9CDCA

■ EDD0CA

■ FFD4CA

■ FFD8CA

# Harmonies

## Analogous

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



65B9B3



60B7CA



75B2D9

# Triad

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



60B7CA



D29BBC



B4AC7A

# Complementary

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



60B7CA



CA7360

# 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.



CBA47D



60B7CA



DD99A3

# Square

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



60B7CA



B9A2D1



DA9C8C



99B384

# Rectangle

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



60B7CA



8CADD8



DA9C8C



BDA979

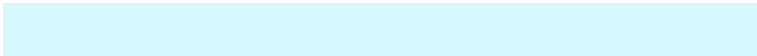


# Sweetspot

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



60B7CA



D6F8FF



60CA72



677B80



000000



808080



# Same Dimension

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



60B7CA



5EE2FF



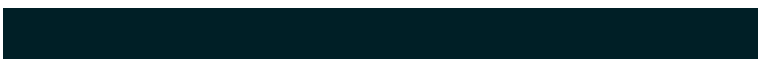
6083CA



5C6466



0088A6



001F26



# Inverse Universe

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



CA60B7



FF5EE2



CAA760



665C64



A60088

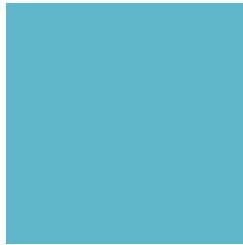


26001F



# Previews

## White Background



This preview shows how the Hex color 60B7CA looks on a white background.

## Color Contrast Check

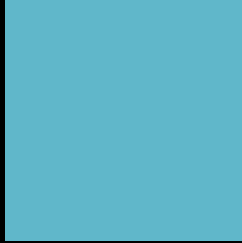
Large Text (above 18pt) WCAG AA × Fail

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 60B7CA looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

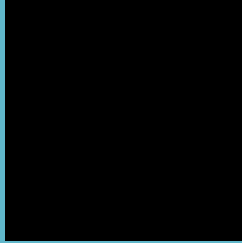
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

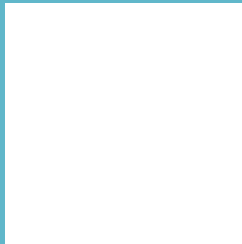
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 60B7CA Background



This preview shows how black text looks on a background with the Hex color 60B7CA.

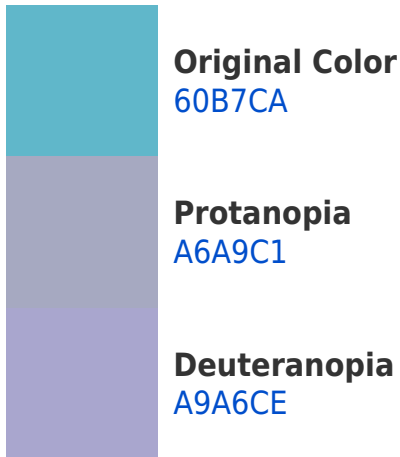


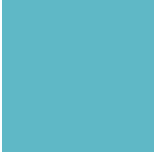
This preview shows how white text looks on a background with the Hex color 60B7CA.

# 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](#).

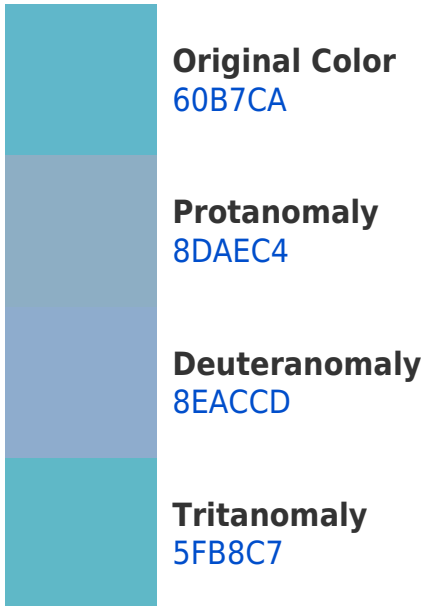
## Dichromacy



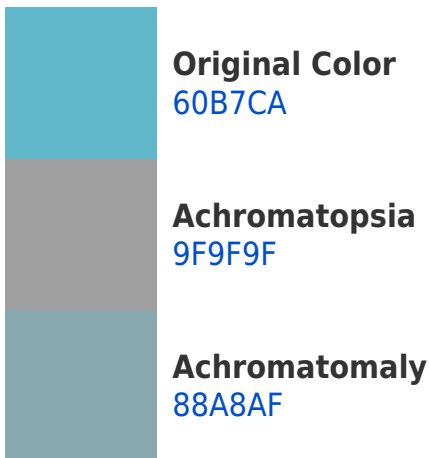


**Tritanopia**  
5FB8C6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 60B7CA 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 #60B7CA looks like.

```
.text, #text, p{  
    color:#60B7CA  
}
```

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 #60B7CA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #60B7CA
}
```

## Border

The CSS property to change the border of an element to Hex 60B7CA 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
#60B7CA }
```

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

```
.border{ border-color:#60B7CA }
```

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

Here you see how a box with a 4 pixel #60B7CA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #60B7CA; -webkit-box-shadow:4px 4px  
4px 4px #60B7CA; box-shadow:4px 4px 4px  
4px #60B7CA }
```

# Background

The CSS property to change the background color of an element to Hex 60B7CA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#60B7CA }
```

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

```
.background{ background-color:#60B7CA }
```

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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