

# Converting Colors

Hex(60B6B6)

Have a look what the booklet for  
Hex(60B6B6) contains.

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**Color**

**Hex(60B6B6)**

# Conversions

## Conversions Part 1

Format	Color
Hex	60B6B6
RGB	96, 182, 182
RGB Percent	38%, 71%, 71%
CMY	0.6235, 0.2863, 0.2863
CMYK	0.47, 0.00, 0.00, 0.29
HSL	180°, 37%, 55%
HSV	180°, 47%, 71%
XYZ	29.9953, 39.3201, 50.2646
YIQ	156.2860, -51.2560, -18.2320

# Conversions

## Conversions Part 2

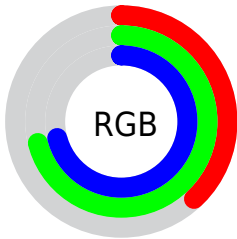
Format	Color
<b>RYB</b>	96, 139, 182
Decimal	6338230
CIELab	68.98, -25.89, -8.05
CIElCh	69, 27.112, 197.273
Yxy	39.3201, 0.2508, 0.3288
Android (android.graphics.Color)	4284528310 (0xFF60B6B6)
YUV	156.2860, 12.6770, -52.8708
Hunter-Lab	62.7057, -24.3495, -3.6325

# Details

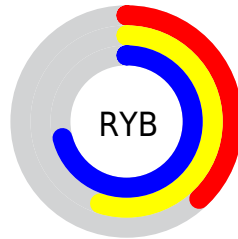
The Hex color **60B6B6** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **B66060**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **98EEEE**, and **238181** is the 20% darker color. If you saturate the color by 10%, you get **4EB6B6**, and if you desaturate by 10%, it is **72B6B6**.

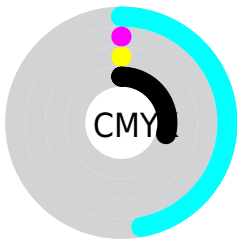
# Distribution



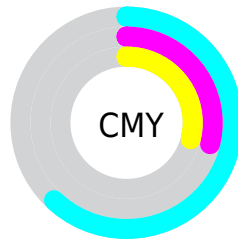
- Red (38%)
- Green (71%)
- Blue (71%)



- Red (38%)
- Yellow (55%)
- Blue (71%)



- Cyan (47%)
- Magenta (0%)
- Yellow (0%)
- Black (29%)



- Cyan (62%)
- Magenta (29%)
- Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 60B6B6 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 60B6B6 by changing the saturation by 10% instead.



 60B6B6

 60B6B6

FFFFFF

 439B9B

 98EEEE

 238181

 B5FFFF

 006768

 D2FFFF

 004F50

 EFFFFFF

 003839

 002324

 00010F

 000000

 60B6B6

 60B6B6

 4EB6B6

 72B6B6

 3CB6B6

 84B6B6

 29B6B6

 97B6B6

 17B6B6

 A9B6B6

 05B6B6

 BBB6B6

 00B6B6

 CDB6B6

 DFB6B6

 F2B6B6

 FFB6B6

# Harmonies

## Analogous

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



74B59D



60B6B6



61B3CC

# Triad

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



60B6B6



BD9DCA



C4A379

# Complementary

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



60B6B6



B66060

# 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.



D49B85



60B6B6



D297B4

# Square

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



60B6B6



9EA6D7



DA979B



ABAB79

# Rectangle

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



60B6B6



70B0D5



DA979B



CAA07C



# Sweetspot

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



60B6B6



CCEDED



60B660



637878



F7F7F7



787878



# Same Dimension

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



60B6B6



66EDED



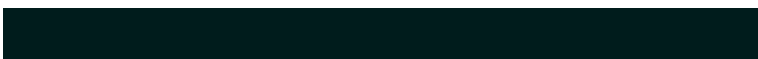
608BB6



535C5C



009C9C



001C1C



# Inverse Universe

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



B660B6



ED66ED



B68B60



5C535C



9C009C

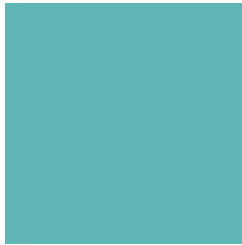


1C001C



# Previews

## White Background



This preview shows how the Hex color 60B6B6 looks on a white background.

## Color Contrast Check

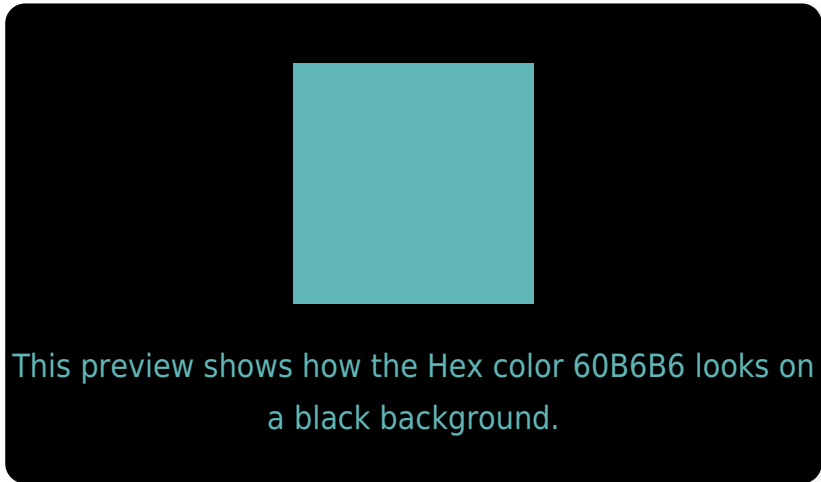
Large Text (above 18pt) WCAG AA × Fail

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

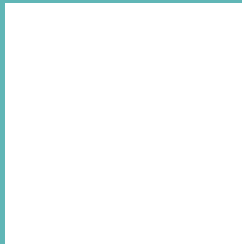
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 60B6B6 Background



This preview shows how black text looks on a background with the Hex color 60B6B6.

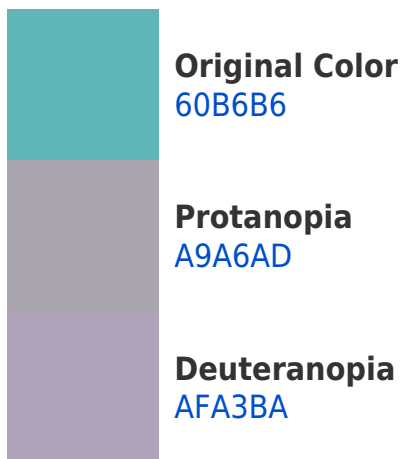


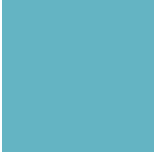
This preview shows how white text looks on a background with the Hex color 60B6B6.

# 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



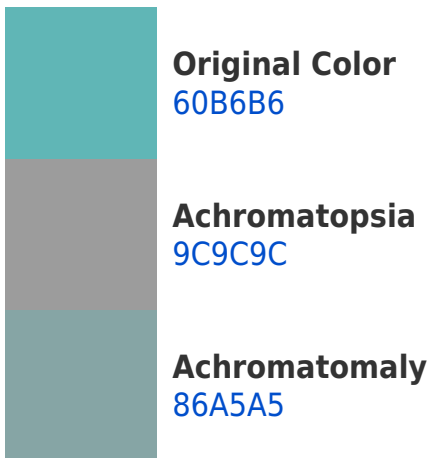


**Tritanopia**  
64B4C3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 60B6B6 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 #60B6B6 looks like.

```
.text, #text, p{  
    color:#60B6B6  
}
```

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 #60B6B6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #60B6B6
}
```

## Border

The CSS property to change the border of an element to Hex 60B6B6 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
#60B6B6 }
```

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

```
.border{ border-color:#60B6B6 }
```

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

Here you see how a box with a 4 pixel #60B6B6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #60B6B6; -webkit-box-shadow:4px 4px  
4px 4px #60B6B6; box-shadow:4px 4px 4px  
4px #60B6B6 }
```

# Background

The CSS property to change the background color of an element to Hex 60B6B6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#60B6B6 }
```

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

```
.background{ background-color:#60B6B6 }
```

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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