

Converting Colors

Hex(60B9C3)

Have a look what the booklet for
Hex(60B9C3) contains.

| | |
|--|----|
| Hex(60B9C3) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 11 |
| <i>Previews</i> | 23 |
| <i>Color Blindness Simulation</i> | 26 |
| <i>CSS Examples</i> | 29 |

Color

Hex(60B9C3)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 60B9C3 |
| RGB | 96, 185, 195 |
| RGB Percent | 38%, 73%, 76% |
| CMY | 0.6235, 0.2745, 0.2353 |
| CMYK | 0.51, 0.05, 0.00, 0.24 |
| HSL | 186°, 45%, 57% |
| HSV | 186°, 51%, 76% |
| XYZ | 32.0232, 41.1249, 57.8799 |
| YIQ | 159.5290, -56.2540, -15.7580 |

Conversions

Conversions Part 2

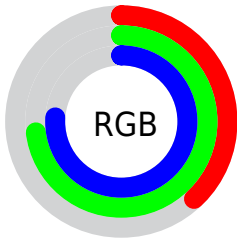
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 96, 143, 195 |
| Decimal | 6339011 |
| CIELab | 70.26, -23.91, -13.28 |
| CIELCh | 70, 27.348, 209.061 |
| Yxy | 41.1249, 0.2444, 0.3139 |
| Android (android.graphics.Color) | 4284529091 (0xFF60B9C3) |
| YUV | 159.5290, 17.4872, -55.7149 |
| Hunter-Lab | 64.1287, -23.0898, -8.6226 |

Details

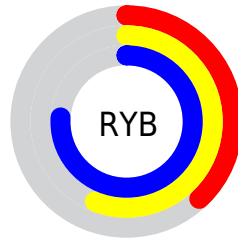
The Hex color **60B9C3** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **C36A60**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **99F1FC**, and **20848D** is the 20% darker color. If you saturate the color by 10%, you get **4DB7C3**, and if you desaturate by 10%, it is **74BBC3**.

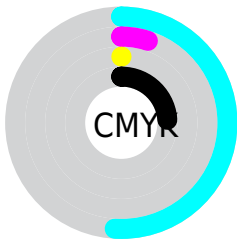
Distribution



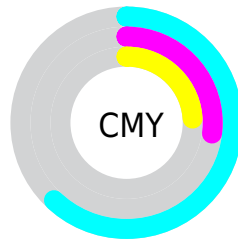
- Red (38%)
- Green (73%)
- Blue (76%)



- Red (38%)
- Yellow (56%)
- Blue (76%)



- Cyan (51%)
- Magenta (5%)
- Yellow (0%)
- Black (24%)



- Cyan (62%)
- Magenta (27%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color 60B9C3 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 60B9C3 by changing the saturation by 10% instead.

 60B9C3

 60B9C3

FFFFFF

 429EA8

 99F1FC

 20848D

 B6FFFF

 006A74

 D3FFFF

 00525B

 F1FFFF

 003A44

 00252E

 00031A

 000000

 60B9C3

 60B9C3

■ 4DB7C3

■ 74BBC3

■ 39B5C3

■ 87BDC3

■ 25B3C3

■ 9BBFC3

■ 12B1C3

■ AEC1C3

■ 00AFC3

■ C2C3C3

■ D5C5C3

■ E8C7C3

■ FCC9C3

■ FFCBC3

Harmonies

Analogous

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



6DBAAA



60B9C3



6CB5D6

Triad

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



60B9C3



CB9EC6



BEAA7A

Complementary

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



60B9C3



C36A60

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.



D3A282



60B9C3



DB9AAE

Square

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



60B9C3



AFA6D7



DD9B95



A4B280

Rectangle

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



60B9C3



80B1DC



DD9B95



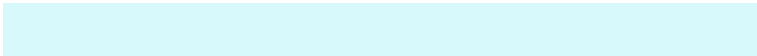
C6A77B

Sweetspot

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



60B9C3



D7F9FC



60C36A



697D80



000000



808080

Same Dimension

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



60B9C3



62EDFC



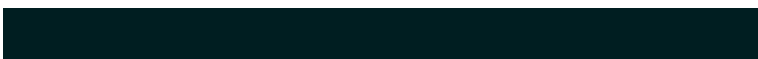
6088C3



576061



0090A1



001E21

Inverse Universe

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



C360B9



FC62ED



C39B60



615760



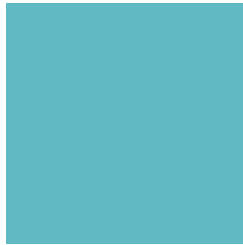
A10090



21001E

Previews

White Background



This preview shows how the Hex color 60B9C3 looks on a white background.

Color Contrast Check

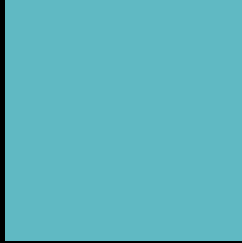
Large Text (above 18pt) WCAG AA × Fail

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 60B9C3 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 60B9C3 Background



This preview shows how black text looks on a background with the Hex color 60B9C3.

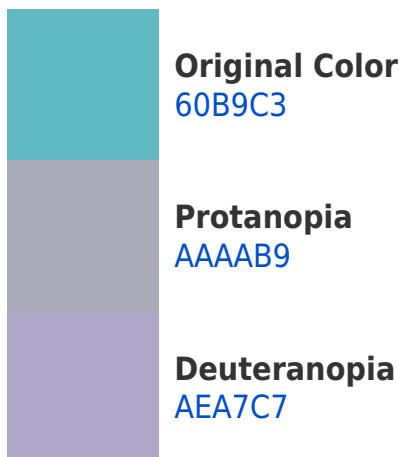


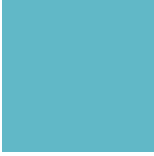
This preview shows how white text looks on a background with the Hex color 60B9C3.

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](#).

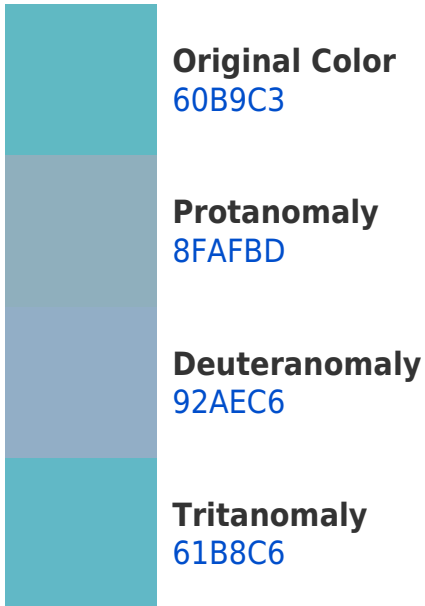
Dichromacy



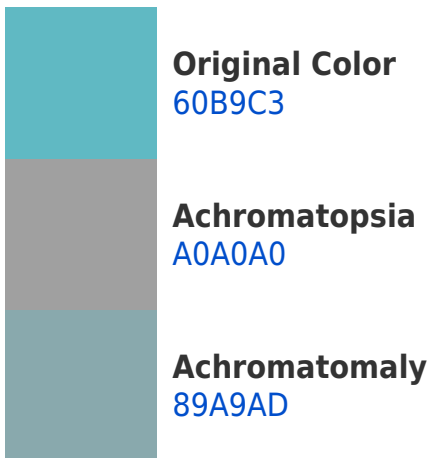


Tritanopia
61B8C7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 60B9C3 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 #60B9C3 looks like.

```
.text, #text, p{  
    color:#60B9C3  
}
```

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 #60B9C3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #60B9C3
}
```

Border

The CSS property to change the border of an element to Hex 60B9C3 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
#60B9C3 }
```

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

```
.border{ border-color:#60B9C3 }
```

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

Here you see how a box with a 4 pixel #60B9C3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #60B9C3; -webkit-box-shadow:4px 4px  
4px 4px #60B9C3; box-shadow:4px 4px 4px  
4px #60B9C3 }
```

Background

The CSS property to change the background color of an element to Hex 60B9C3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#60B9C3 }
```

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

```
.background{ background-color:#60B9C3 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor