

Converting Colors

Hex(60B99D)

Have a look what the booklet for
Hex(60B99D) contains.

| | |
|--|----|
| Hex(60B99D) | 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(60B99D)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 60B99D |
| RGB | 96, 185, 157 |
| RGB Percent | 38%, 73%, 62% |
| CMY | 0.6235, 0.2745, 0.3843 |
| CMYK | 0.48, 0.00, 0.15, 0.27 |
| HSL | 161°, 39%, 55% |
| HSV | 161°, 48%, 73% |
| XYZ | 28.2586, 39.6190, 38.0561 |
| YIQ | 155.1970, -44.0560, -27.5760 |

Conversions

Conversions Part 2

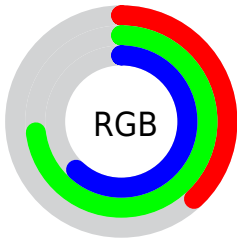
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 96, 149, 185 |
| Decimal | 6338973 |
| CIELab | 69.20, -33.52, 6.01 |
| CIELCh | 69, 34.051, 169.832 |
| Yxy | 39.6190, 0.2668, 0.3740 |
| Android (android.graphics.Color) | 4284529053 (0xFF60B99D) |
| YUV | 155.1970, 0.8889, -51.9158 |
| Hunter-Lab | 62.9437, -30.0136, 8.2134 |

Details

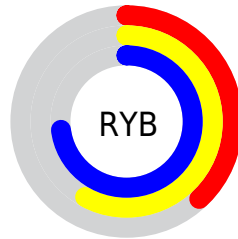
The Hex color **60B99D** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **B9607C**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **98F2D4**, and **26836A** is the 20% darker color. If you saturate the color by 10%, you get **4EB997**, and if you desaturate by 10%, it is **73B9A3**.

Distribution



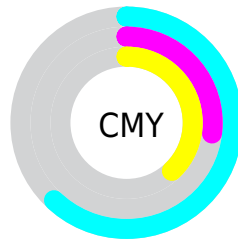
- Red (38%)
- Green (73%)
- Blue (62%)



- Red (38%)
- Yellow (58%)
- Blue (73%)



- Cyan (48%)
- Magenta (0%)
- Yellow (15%)
- Black (27%)



- Cyan (62%)
- Magenta (27%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 60B99D 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 60B99D by changing the saturation by 10% instead.

 60B99D

 60B99D

FFFFFF

 449E83

 98F2D4

 26836A

 B4FFF0

 006A52

 D1FFFF

 00513B

 EEEFFF

 003925

 002410

 000000

 60B99D

 60B99D

 4EB997

 73B9A3

 3BB991

 85B9A9

 29B98C

 98B9AE

 16B986

 AAB9B4

 04B980

 BDB9BA

 00B97F

 CFB9C0

 E2B9C6

 F4B9CC

 FFB9D1

Harmonies

Analogous

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



86B580



60B99D



3FBABD

Triad

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



60B99D



9EA5E3



DD997B

Complementary

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



60B99D



B9607C

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.



E69296



60B99D



C69AD1

Square

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



60B99D



6DAFE5



DF92B5



C7A36C

Rectangle

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



60B99D



3AB8CF



DF92B5



E29683

Sweetspot

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



60B99D



CEF0E5



7CB960



637871



F7F7F7



787878

Same Dimension

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



60B99D



65F0C4



60A9B9



535C59



009C6B



001C13

Inverse Universe

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



B9607C



F06590



B97060



5C5356



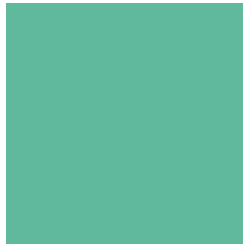
9C0031



1C0009

Previews

White Background



This preview shows how the Hex color 60B99D looks on a white background.

Color Contrast Check

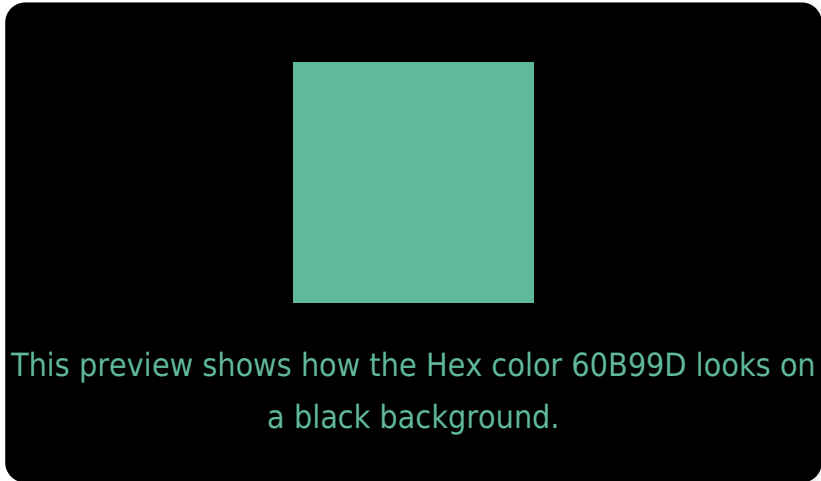
Large Text (above 18pt) WCAG AA × Fail

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

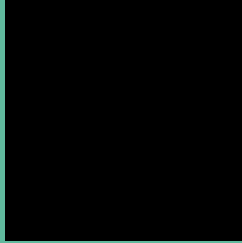
Any Text WCAG AA ✓ Pass

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 60B99D Background



This preview shows how black text looks on a background with the Hex color 60B99D.

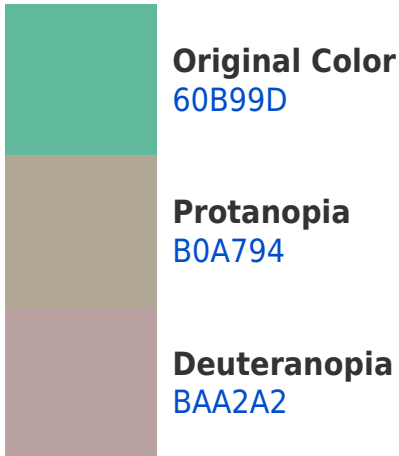


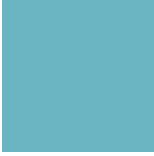
This preview shows how white text looks on a background with the Hex color 60B99D.

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
6BB4C2

Trichromacy



Original Color
60B99D



Protanomaly
93AE97



Deuteranomaly
99AAA0



Tritanomaly
67B6B5

Monochromacy



Original Color
60B99D



Achromatopsia
9B9B9B



Achromatomaly
86A69C

CSS Examples

Text

The CSS property to change the color of the text to Hex 60B99D 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 #60B99D looks like.

```
.text, #text, p{  
    color:#60B99D  
}
```

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 #60B99D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #60B99D
}
```

Border

The CSS property to change the border of an element to Hex 60B99D 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
#60B99D }
```

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

```
.border{ border-color:#60B99D }
```

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

Here you see how a box with a 4 pixel #60B99D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #60B99D; -webkit-box-shadow:4px 4px  
4px 4px #60B99D; box-shadow:4px 4px 4px  
4px #60B99D }
```

Background

The CSS property to change the background color of an element to Hex 60B99D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#60B99D }
```

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

```
.background{ background-color:#60B99D }
```

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