

# Converting Colors

Hex(60B197)

Have a look what the booklet for  
Hex(60B197) contains.

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**Color**

**Hex(60B197)**

# Conversions

## Conversions Part 1

Format	Color
Hex	60B197
RGB	96, 177, 151
RGB Percent	38%, 69%, 59%
CMY	0.6235, 0.3059, 0.4078
CMYK	0.46, 0.00, 0.15, 0.31
HSL	161°, 34%, 54%
HSV	161°, 46%, 69%
XYZ	26.1319, 36.1654, 34.8815
YIQ	149.8170, -39.9300, -25.2580

# Conversions

## Conversions Part 2

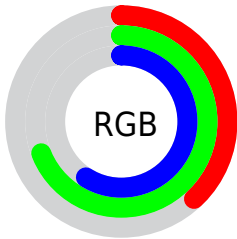
Format	Color
<b>RYB</b>	96, 144, 177
Decimal	6336919
CIELab	66.65, -31.11, 5.64
CIElCh	67, 31.618, 169.717
Yxy	36.1654, 0.2689, 0.3722
Android (android.graphics.Color)	4284526999 (0xFF60B197)
YUV	149.8170, 0.5832, -47.1975
Hunter-Lab	60.1377, -27.6765, 7.7066

# Details

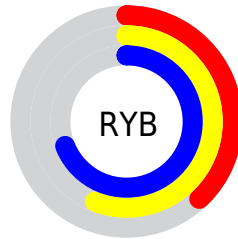
The Hex color **60B197** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **B1607A**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **97E9CD**, and **287C64** is the 20% darker color. If you saturate the color by 10%, you get **4EB191**, and if you desaturate by 10%, it is **72B19D**.

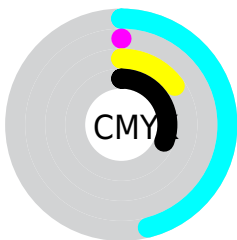
# Distribution



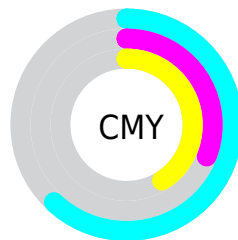
- Red (38%)
- Green (69%)
- Blue (59%)



- Red (38%)
- Yellow (56%)
- Blue (69%)



- Cyan (46%)
- Magenta (0%)
- Yellow (15%)
- Black (31%)



- Cyan (62%)
- Magenta (31%)
- Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 60B197 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 60B197 by changing the saturation by 10% instead.





60B197



60B197

FFFFFF



45967D



97E9CD



287C64



B3FFE9



00634C



CFFFFFF



004A36



ECFFFF



003320



001F09



000000



60B197



60B197



4EB191



72B19D

 3DB18C

 83B1A2

 2BB186

 95B1A8

 19B180

 A7B1AE

 07B17B

 B8B1B3

 00B178

 CAB1B9

 DCB1BF

 EEB1C4

 FFB1CA

# Harmonies

## Analogous

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



82AD7C



60B197



44B1B4

# Triad

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



60B197



989ED7



D39478

# Complementary

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



60B197



B1607A

# 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.



DB8D90



60B197



BD94C7

# Square

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



60B197



6CA8D9



D48EAD



BF9D6A

# Rectangle

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



60B197



41B0C5



D48EAD



D7917F

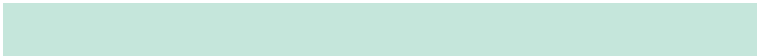


# Sweetspot

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



60B197



C5E6DB



7BB160



5F736C



F2F2F2



737373



# Same Dimension

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



60B197



67E6BD



60A3B1



505956



009968



001A11



# Inverse Universe

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



B1607A



E66790



B16D60



595053



990031

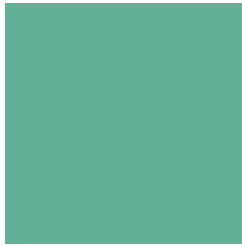


1A0008



# Previews

## White Background



This preview shows how the Hex color 60B197 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 60B197 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

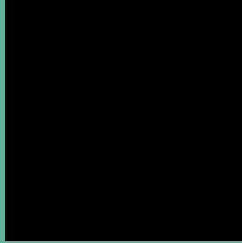
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 60B197 Background



This preview shows how black text looks on a background with the Hex color 60B197.



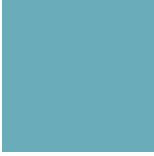
This preview shows how white text looks on a background with the Hex color 60B197.

# 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





# Trichromacy



**Original Color**  
60B197



**Protanomaly**  
8EA791



**Deuteranomaly**  
95A49A



**Tritanomaly**  
66AEAD

# Monochromacy



**Original Color**  
60B197



**Achromatopsia**  
969696



**Achromatomaly**  
82A096

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 60B197 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 #60B197 looks like.

```
.text, #text, p{  
    color:#60B197  
}
```

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 #60B197 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #60B197
}
```

## Border

The CSS property to change the border of an element to Hex 60B197 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
#60B197 }
```

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

```
.border{ border-color:#60B197 }
```

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

Here you see how a box with a 4 pixel #60B197 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #60B197; -webkit-box-shadow:4px 4px  
4px 4px #60B197; box-shadow:4px 4px 4px  
4px #60B197 }
```

# Background

The CSS property to change the background color of an element to Hex 60B197 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#60B197 }
```

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

```
.background{ background-color:#60B197 }
```

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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