

Converting Colors

Hex(63B190)

Have a look what the booklet for
Hex(63B190) contains.

Hex(63B190)	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(63B190)

Conversions

Conversions Part 1

Format	Color
Hex	63B190
RGB	99, 177, 144
RGB Percent	39%, 69%, 56%
CMY	0.6118, 0.3059, 0.4353
CMYK	0.44, 0.00, 0.19, 0.31
HSL	155°, 33%, 54%
HSV	155°, 44%, 69%
XYZ	25.9018, 36.1105, 31.9904
YIQ	149.9160, -35.8950, -26.7990

Conversions

Conversions Part 2

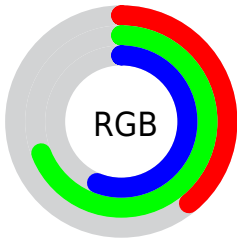
Format	Color
RYB	99, 148, 177
Decimal	6533520
CIELab	66.60, -31.89, 9.46
CIElCh	67, 33.262, 163.472
Yxy	36.1105, 0.2755, 0.3841
Android (android.graphics.Color)	4284723600 (0xFF63B190)
YUV	149.9160, -2.9166, -44.6533
Hunter-Lab	60.0921, -28.2214, 10.5010

Details

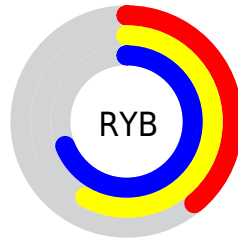
The Hex color **63B190** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **B16384**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **99E9C6**, and **2C7C5E** is the 20% darker color. If you saturate the color by 10%, you get **51B189**, and if you desaturate by 10%, it is **75B197**.

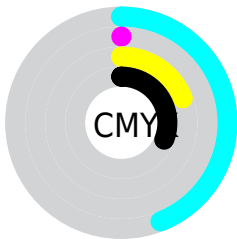
Distribution



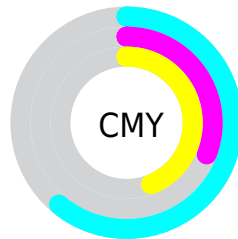
- Red (39%)
- Green (69%)
- Blue (56%)



- Red (39%)
- Yellow (58%)
- Blue (69%)



- Cyan (44%)
- Magenta (0%)
- Yellow (19%)
- Black (31%)



- Cyan (61%)
- Magenta (31%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 63B190 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 63B190 by changing the saturation by 10% instead.

 63B190

 63B190

FFFFFF

 489676

 99E9C6

 2C7C5E

 B5FFE2

 086346

 D2FFFE

 004A30

 EFFFFFF

 00331B

 001F00

 000000

 63B190

 63B190

 51B189

 75B197

 40B181

 86B19F

 2EB17A

 98B1A6

 1CB172

 AAB1AE

 0AB16B

 BCB1B5

 00B166

 CDB1BD

 DFB1C4

 F1B1CC

 FFB1D3

Harmonies

Analogous

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



87AC76



63B190



40B2AF

Triad

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



63B190



8EA0DC



D8917A

Complementary

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



63B190



B16384

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.



DD8B95



63B190



B795CE

Square

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



63B190



5EAADB



D28DB4



C59A69

Rectangle

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



63B190



34B1C2



D28DB4



DB8E82

Sweetspot

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



63B190



C8E6D9



85B163



60736B



F2F2F2



737373

Same Dimension

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



63B190



6CE6B2



63ACB1



505955



009958



001A0F

Inverse Universe

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



B16384



E66C9F



B16863



595054



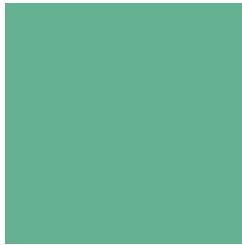
990041



1A000B

Previews

White Background



This preview shows how the Hex color 63B190 looks on a white background.

Color Contrast Check

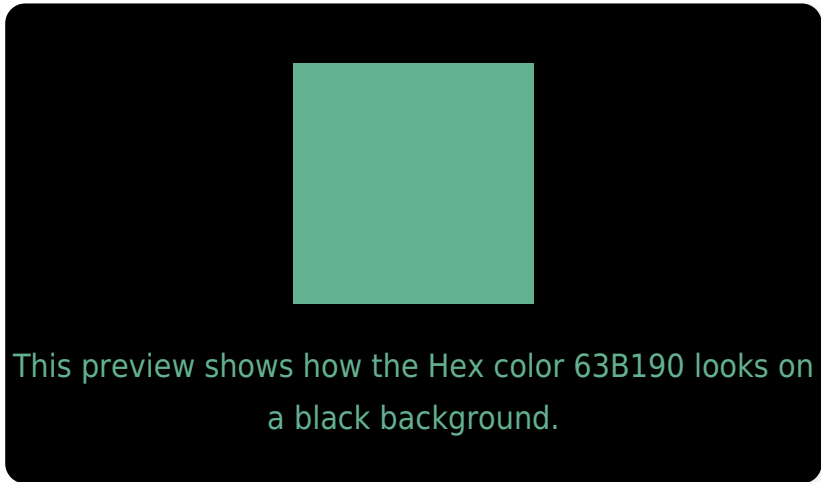
Large Text (above 18pt) WCAG AA × Fail

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

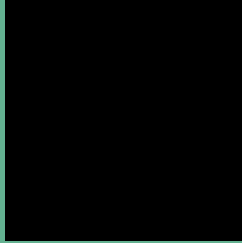
Any Text WCAG AA ✓ Pass

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 63B190 Background



This preview shows how black text looks on a background with the Hex color 63B190.

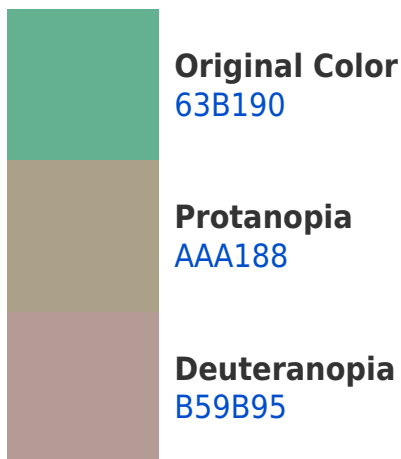


This preview shows how white text looks on a background with the Hex color 63B190.

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](#).

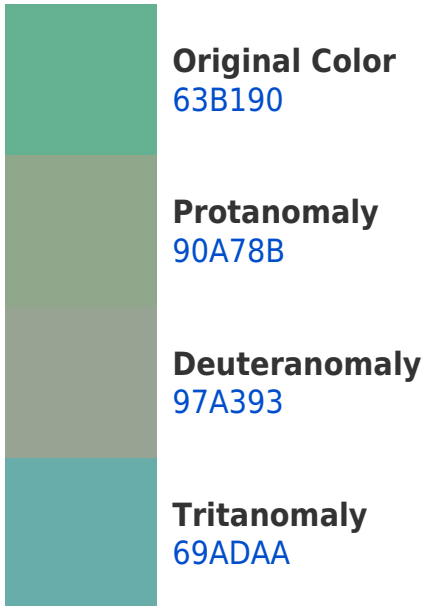
Dichromacy



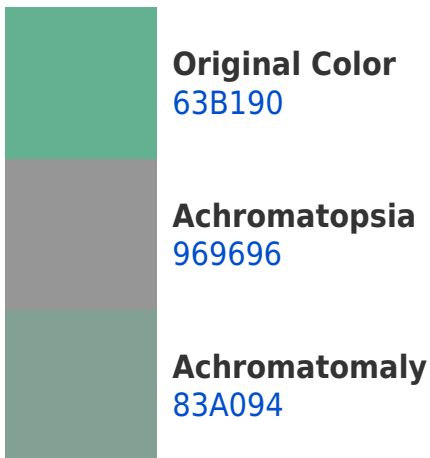


Tritanopia
6DABB9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 63B190 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 #63B190 looks like.

```
.text, #text, p{  
    color:#63B190  
}
```

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 #63B190 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #63B190
}
```

Border

The CSS property to change the border of an element to Hex 63B190 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
#63B190 }
```

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

```
.border{ border-color:#63B190 }
```

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

Here you see how a box with a 4 pixel #63B190 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #63B190; -webkit-box-shadow:4px 4px  
4px 4px #63B190; box-shadow:4px 4px 4px  
4px #63B190 }
```

Background

The CSS property to change the background color of an element to Hex 63B190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#63B190 }
```

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

```
.background{ background-color:#63B190 }
```

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