

# Converting Colors

Hex(63A19C)

Have a look what the booklet for  
Hex(63A19C) contains.

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**Color**

**Hex(63A19C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	63A19C
RGB	99, 161, 156
RGB Percent	39%, 63%, 61%
CMY	0.6118, 0.3686, 0.3882
CMYK	0.39, 0.00, 0.03, 0.37
HSL	175°, 25%, 51%
HSV	175°, 39%, 63%
XYZ	23.8912, 30.5427, 36.0886
YIQ	141.8920, -35.3470, -14.6990

# Conversions

## Conversions Part 2

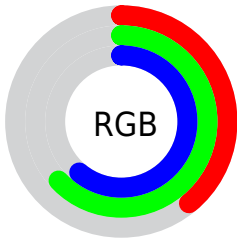
Format	Color
<b>RYB</b>	99, 131, 161
Decimal	6529436
CIELab	62.12, -21.17, -3.72
CIElCh	62, 21.496, 189.967
Yxy	30.5427, 0.2639, 0.3374
Android (android.graphics.Color)	4284719516 (0xFF63A19C)
YUV	141.8920, 6.9552, -37.6163
Hunter-Lab	55.2654, -19.5491, -0.0309

# Details

The Hex color **63A19C** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **A16368**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **99D8D2**, and **2E6D69** is the 20% darker color. If you saturate the color by 10%, you get **53A19B**, and if you desaturate by 10%, it is **73A19D**.

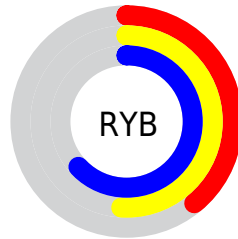
# Distribution



Red (39%)

Green (63%)

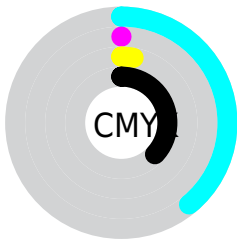
Blue (61%)



Red (39%)

Yellow (51%)

Blue (63%)

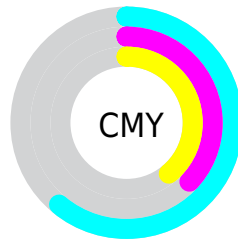


Cyan (39%)

Magenta (0%)

Yellow (3%)

Black (37%)



Cyan (61%)

Magenta (37%)

Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 63A19C 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 63A19C by changing the saturation by 10% instead.



 63A19C

 63A19C

FFFFFF

 498782

 99D8D2

 2E6D69

 B4F5EF


 105551

 D1FFFF

 003D3A

 EDFFFF

 002724

 000F0F

 000000

 63A19C

 63A19C

 53A19B

 73A19D

■ 43A199

■ 83A19F

■ 33A198

■ 93A1A0

■ 23A197

■ A3A1A1

■ 13A196

■ B3A1A2

■ 02A194

■ C4A1A4

■ 00A194

■ D4A1A5

■ E4A1A6

■ F4A1A8

# Harmonies

## Analogous

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



73A088



63A19C



60A0AE

# Triad

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



63A19C



A18FB3



B09173

# Complementary

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



63A19C



A16368

# 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.



BB8B7F



63A19C



B48AA4

# Square

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



63A19C



8896BB



BD8890



9E9771

# Rectangle

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



63A19C



689DB6



BD8890



B48F76



# Sweetspot

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



63A19C



B8D1CF



68A163



5A6967



E8E8E8



696969



# Same Dimension

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



63A19C



71D1C9



6387A1



495251



009186



001210



# Inverse Universe

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



A16368



D17179



A17D63



52494A



91000C



120001



# Previews

## White Background



This preview shows how the Hex color 63A19C looks on a white background.

## Color Contrast Check

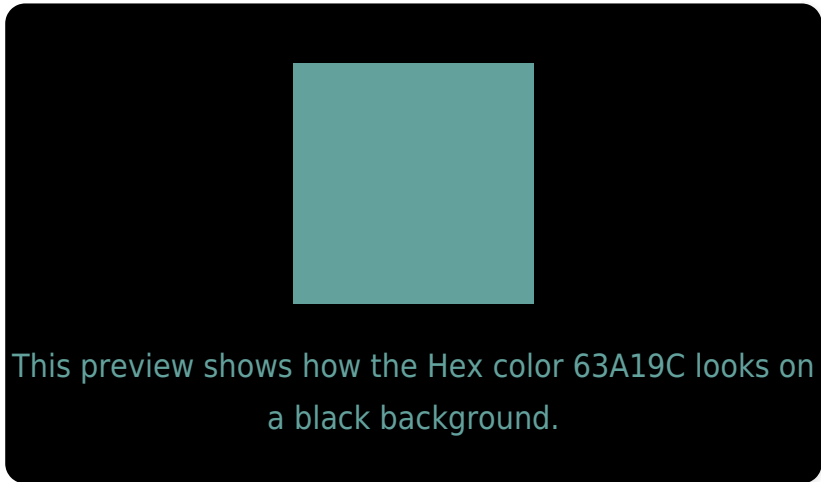
Large Text (above 18pt) WCAG AA × Fail

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

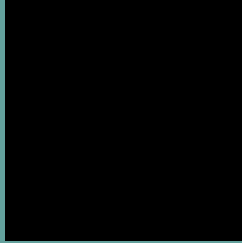
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

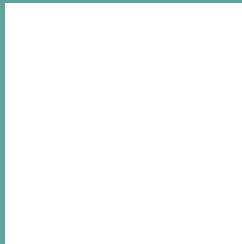
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 63A19C Background



This preview shows how black text looks on a background with the Hex color 63A19C.

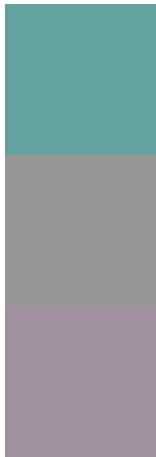


This preview shows how white text looks on a background with the Hex color 63A19C.

# 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



**Original Color**  
63A19C

**Protanopia**  
989595

**Deuteranopia**  
9F919F



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 63A19C 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 #63A19C looks like.

```
.text, #text, p{  
    color:#63A19C  
}
```

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 #63A19C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #63A19C
}
```

## Border

The CSS property to change the border of an element to Hex 63A19C 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
#63A19C }
```

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

```
.border{ border-color:#63A19C }
```

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

Here you see how a box with a 4 pixel #63A19C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #63A19C; -webkit-box-shadow:4px 4px  
4px 4px #63A19C; box-shadow:4px 4px 4px  
4px #63A19C }
```

# Background

The CSS property to change the background color of an element to Hex 63A19C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#63A19C }
```

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

```
.background{ background-color:#63A19C }
```

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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