

# Converting Colors

Hex(58A690)

Have a look what the booklet for  
Hex(58A690) contains.

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**Color**

**Hex(58A690)**

# Conversions

## Conversions Part 1

Format	Color
Hex	58A690
RGB	88, 166, 144
RGB Percent	35%, 65%, 56%
CMY	0.6549, 0.3490, 0.4353
CMYK	0.47, 0.00, 0.13, 0.35
HSL	163°, 31%, 50%
HSV	163°, 47%, 65%
XYZ	22.6948, 31.3608, 31.2426
YIQ	140.1700, -39.4260, -23.3780

# Conversions

## Conversions Part 2

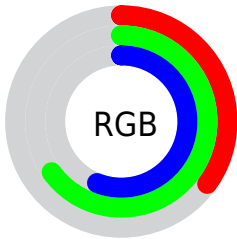
<b>Format</b>	<b>Color</b>
<b>RYB</b>	88, 133, 166
Decimal	5809808
CIELab	62.81, -29.51, 3.97
CIElCh	63, 29.775, 172.344
Yxy	31.3608, 0.2661, 0.3677
Android (android.graphics.Color)	4283999888 (0xFF58A690)
YUV	140.1700, 1.8882, -45.7531
Hunter-Lab	56.0007, -25.6625, 6.1227

# Details

The Hex color **58A690** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **A6586E**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **8EDDC6**, and **1F725E** is the 20% darker color. If you saturate the color by 10%, you get **47A68B**, and if you desaturate by 10%, it is **69A695**.

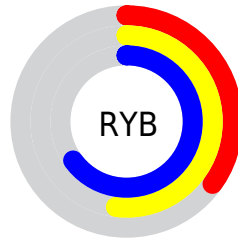
# Distribution



Red (35%)

Green (65%)

Blue (56%)



Red (35%)

Yellow (52%)

Blue (65%)

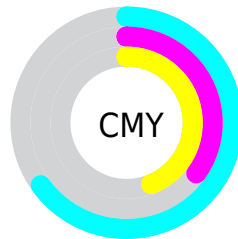


Cyan (47%)

Magenta (0%)

Yellow (13%)

Black (35%)



Cyan (65%)

Magenta (35%)

Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 58A690 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 58A690 by changing the saturation by 10% instead.



 58A690

 58A690

FFFFFF

 3D8B76

 8EDDC6

 1F725E

 AAFAE2

 005946

 C7FFFE

 004130

 E3FFFF

 002A1B

 001200

 000000

 58A690

 58A690

 47A68B

 69A695

 37A687

 79A699

 26A682

 8AA69E

 16A67D

 9AA6A3

 05A679

 ABA6A7

 00A677

 BCA6AC

 CCA6B1

 DDA6B5

 EDA6BA

# Harmonies

## Analogous

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



77A377



58A690



40A6AB

# Triad

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



58A690



9294C9



C48B6F

# Complementary

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



58A690



A6586E

# 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.



CD8585



58A690



B38AB9

# Square

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



58A690



6A9DCC



C785A0



B09464

# Rectangle

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



58A690



40A4BB



C785A0



C88976



# Sweetspot

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



58A690



BAD9D0



6EA658



5B6E68



EDEDED



6E6E6E



# Same Dimension

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



58A690



5FD9B7



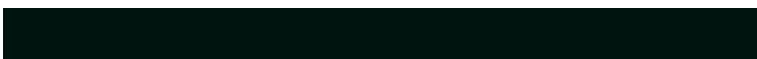
5895A6



4C5452



00946A



00140F



# Inverse Universe

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



A6586E



D95F82



A66958



544C4E



94002A

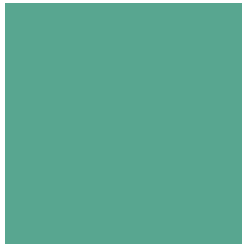


140006



# Previews

## White Background



This preview shows how the Hex color 58A690 looks on a white background.

## Color Contrast Check

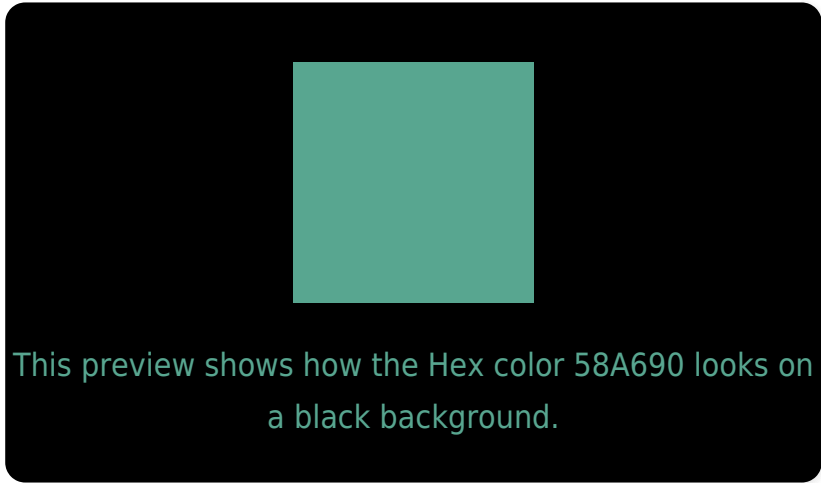
Large Text (above 18pt) WCAG AA × Fail

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

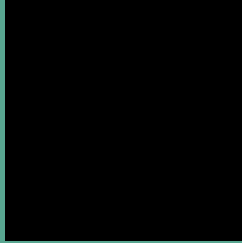
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 58A690 Background



This preview shows how black text looks on a background with the Hex color 58A690.

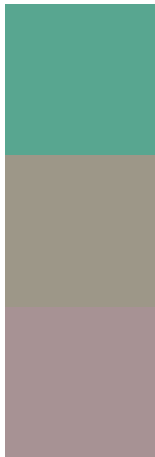


This preview shows how white text looks on a background with the Hex color 58A690.

# 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](#).

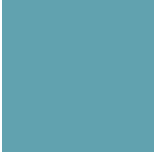
## Dichromacy



**Original Color**  
58A690

**Protanopia**  
9D9788

**Deuteranopia**  
A79294



**Tritanopia**  
61A2AF

# Trichromacy



**Original Color**  
58A690



**Protanomaly**  
849C8B



**Deuteranomaly**  
8A9993

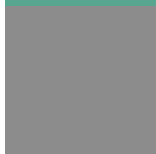


**Tritanomaly**  
5EA3A4

# Monochromacy



**Original Color**  
58A690



**Achromatopsia**  
8C8C8C



**Achromatomaly**  
79958D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 58A690 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 #58A690 looks like.

```
.text, #text, p{  
    color:#58A690  
}
```

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 #58A690 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #58A690
}
```

## Border

The CSS property to change the border of an element to Hex 58A690 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
#58A690 }
```

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

```
.border{ border-color:#58A690 }
```

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

Here you see how a box with a 4 pixel #58A690 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #58A690; -webkit-box-shadow:4px 4px  
4px 4px #58A690; box-shadow:4px 4px 4px  
4px #58A690 }
```

# Background

The CSS property to change the background color of an element to Hex 58A690 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#58A690 }
```

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

```
.background{ background-color:#58A690 }
```

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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