

# Converting Colors

Hex(58AD73)

Have a look what the booklet for  
Hex(58AD73) contains.

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**Color**

**Hex(58AD73)**

# Conversions

## Conversions Part 1

Format	Color
Hex	58AD73
RGB	88, 173, 115
RGB Percent	35%, 68%, 45%
CMY	0.6549, 0.3216, 0.5490
CMYK	0.49, 0.00, 0.34, 0.32
HSL	139°, 34%, 51%
HSV	139°, 49%, 68%
XYZ	22.0626, 33.1997, 21.4650
YIQ	140.9730, -32.0420, -36.0580

# Conversions

## Conversions Part 2

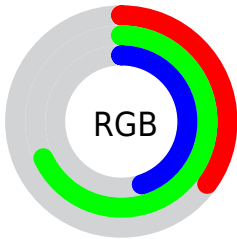
Format	Color
<a href="#">RYB</a>	<a href="#">88, 153, 173</a>
Decimal	<a href="#">5811571</a>
CIELab	<a href="#">64.32, -38.93, 22.09</a>
CIELCh	<a href="#">64, 44.759, 150.433</a>
Yxy	<a href="#">33.1997, 0.2875, 0.4327</a>
Android (android.graphics.Color)	<a href="#">4284001651 (0xFF58AD73)</a>
YUV	<a href="#">140.9730, -12.8047, -46.4573</a>
Hunter-Lab	<a href="#">57.6191, -32.4852, 18.2459</a>

# Details

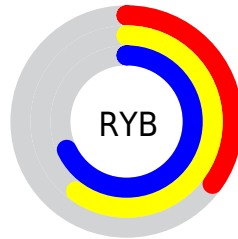
The Hex color **58AD73** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **AD5892**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **8FE5A7**, and **1E7842** is the 20% darker color. If you saturate the color by 10%, you get **47AD67**, and if you desaturate by 10%, it is **69AD7F**.

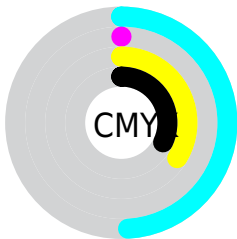
# Distribution



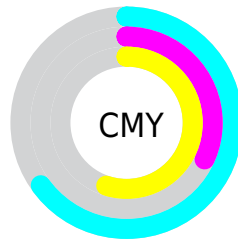
- Red (35%)
- Green (68%)
- Blue (45%)



- Red (35%)
- Yellow (60%)
- Blue (68%)



- Cyan (49%)
- Magenta (0%)
- Yellow (34%)
- Black (32%)



- Cyan (65%)
- Magenta (32%)
- Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 58AD73 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 58AD73 by changing the saturation by 10% instead.



 58AD73

 58AD73

FFFFFF

 3C925A

 8FE5A7

 1E7842

 ABFFC3

 005E2B

 C7FFDF

 004616

 E4FFFB

 002F00

 001800

 000000

 58AD73

 58AD73

 47AD67

 69AD7F

 35AD5B

 7BAD8B

 24AD50

 8CAD96

 13AD44

 9DADA2

 01AD38

 AFADAE

 00AD37

 C0ADBA

 D1ADC6

 E2ADD1

 F4ADDD

# Harmonies

## Analogous

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



8BA655



58AD73



00B09B

# Triad

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



58AD73



58A0EC



E67F76

# Complementary

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



58AD73



AD5892

# 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.



E57B9D



58AD73



A091E1

# Square

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



58AD73



00AAE1



CE83C4



D38C57

# Rectangle

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



58AD73



00B0B7



CE83C4



E87C82



# Sweetspot

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



58AD73



BFE0C9



92AD58



5C7062



F0F0F0



707070



# Same Dimension

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



58AD73



5CE086



58AD9D



4E5751



009630



001707



# Inverse Universe

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



AD5892



E05CB6



AD5868



574E54



960067



170010



# Previews

## White Background



This preview shows how the Hex color 58AD73 looks on a white background.

## Color Contrast Check

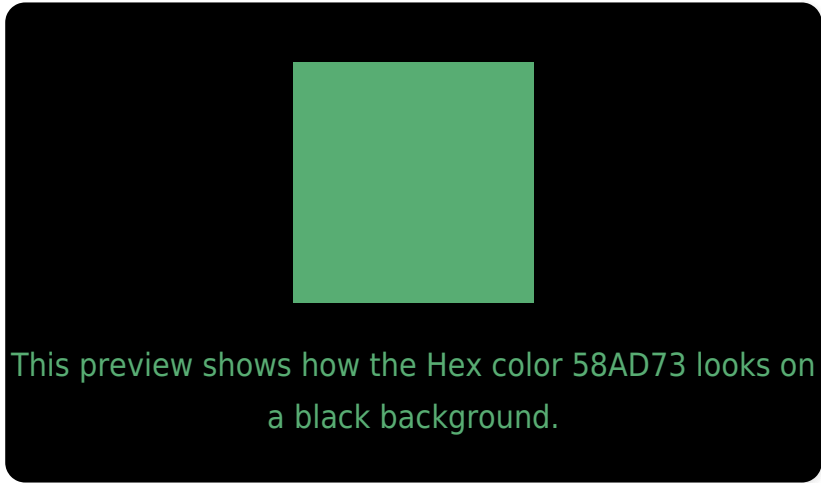
Large Text (above 18pt) WCAG AA × Fail

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

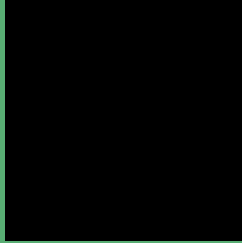
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 58AD73 Background



This preview shows how black text looks on a background with the Hex color 58AD73.



This preview shows how white text looks on a background with the Hex color 58AD73.

# 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](#).

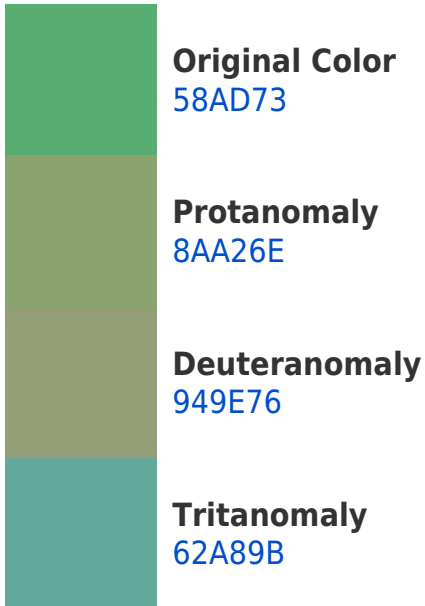
## Dichromacy



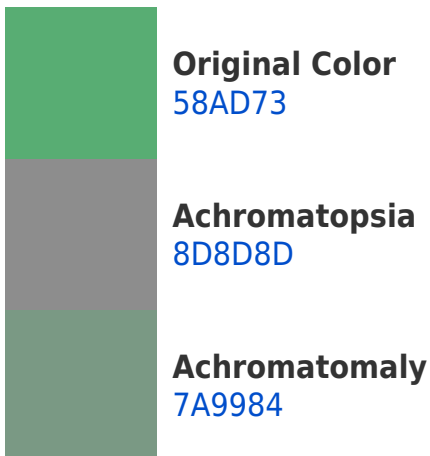


**Tritanopia**  
68A5B2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 58AD73 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 #58AD73 looks like.

```
.text, #text, p{  
    color:#58AD73  
}
```

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 #58AD73 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #58AD73
}
```

## Border

The CSS property to change the border of an element to Hex 58AD73 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
#58AD73 }
```

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

```
.border{ border-color:#58AD73 }
```

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

Here you see how a box with a 4 pixel #58AD73 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #58AD73; -webkit-box-shadow:4px 4px  
4px 4px #58AD73; box-shadow:4px 4px 4px  
4px #58AD73 }
```

# Background

The CSS property to change the background color of an element to Hex 58AD73 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#58AD73 }
```

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

```
.background{ background-color:#58AD73 }
```

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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