

Converting Colors

Hex(59B173)

Have a look what the booklet for
Hex(59B173) contains.

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Color

Hex(59B173)

Conversions

Conversions Part 1

Format	Color
Hex	59B173
RGB	89, 177, 115
RGB Percent	35%, 69%, 45%
CMY	0.6510, 0.3059, 0.5490
CMYK	0.50, 0.00, 0.35, 0.31
HSL	138°, 36%, 52%
HSV	138°, 50%, 69%
XYZ	22.9365, 34.8059, 21.7290
YIQ	143.6200, -32.5460, -37.9380

Conversions

Conversions Part 2

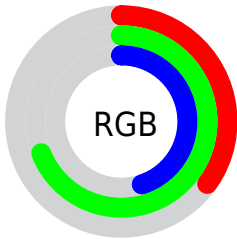
Format	Color
RYB	89, 157, 177
Decimal	5878131
CIELab	65.60, -40.42, 23.81
CIElCh	66, 46.913, 149.501
Yxy	34.8059, 0.2886, 0.4380
Android (android.graphics.Color)	4284068211 (0xFF59B173)
YUV	143.6200, -14.1097, -47.9017
Hunter-Lab	58.9966, -33.8474, 19.4605

Details

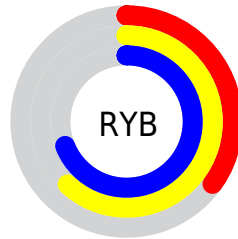
The Hex color **59B173** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **B15997**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **90E9A7**, and **1E7C42** is the 20% darker color. If you saturate the color by 10%, you get **47B167**, and if you desaturate by 10%, it is **6BB17F**.

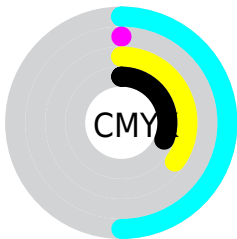
Distribution



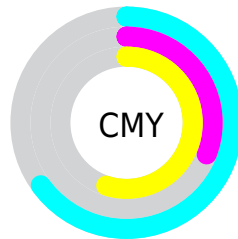
- Red (35%)
- Green (69%)
- Blue (45%)



- Red (35%)
- Yellow (62%)
- Blue (69%)



- Cyan (50%)
- Magenta (0%)
- Yellow (35%)
- Black (31%)



- Cyan (65%)
- Magenta (31%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 59B173 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 59B173 by changing the saturation by 10% instead.

 59B173

 59B173

FFFFFF

 3D965A

 90E9A7

 1E7C42

 ACFFC3

 00622B

 C9FFDF

 004915

 E6FFFB

 003200

 001C00

 000000

 59B173

 59B173

 47B167

 6BB17F

 36B15A

 7CB18C

 24B14E

 8EB198

 12B141

 A0B1A5

 01B135

 B2B1B1

 00B134

 C3B1BE

 D5B1CA

 E7B1D7

 F8B1E3

Harmonies

Analogous

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



8EA953



59B173



00B59D

Triad

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



59B173



52A4F3



ED8078

Complementary

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



59B173



B15997

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.



EC7CA2



59B173



A195E9

Square

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



59B173



00AFE7



D385CB



DA8E57

Rectangle

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



59B173



00B5BA



D385CB



EF7D85

Sweetspot

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



59B173



C3E6CD



98B159



5E7364



F2F2F2



737373

Same Dimension

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



59B173



5CE684



59B19E



505953



00992D



001A08

Inverse Universe

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



B15997



E65CBD



B1596C



595057



99006C



1A0012

Previews

White Background



This preview shows how the Hex color 59B173 looks on a white background.

Color Contrast Check

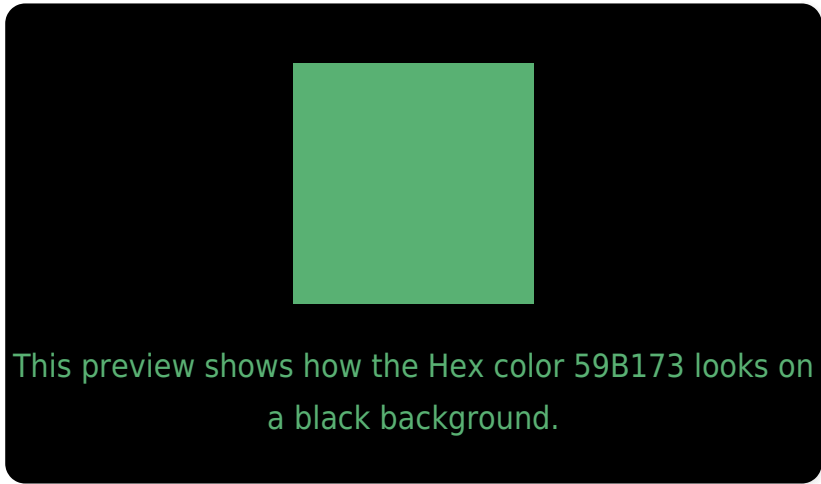
Large Text (above 18pt) WCAG AA × Fail

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 59B173 Background



This preview shows how black text looks on a background with the Hex color 59B173.

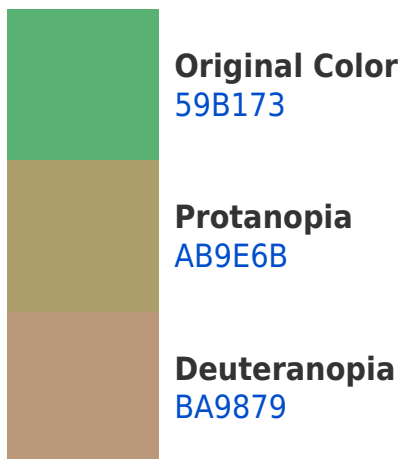


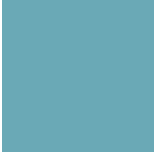
This preview shows how white text looks on a background with the Hex color 59B173.

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](#).

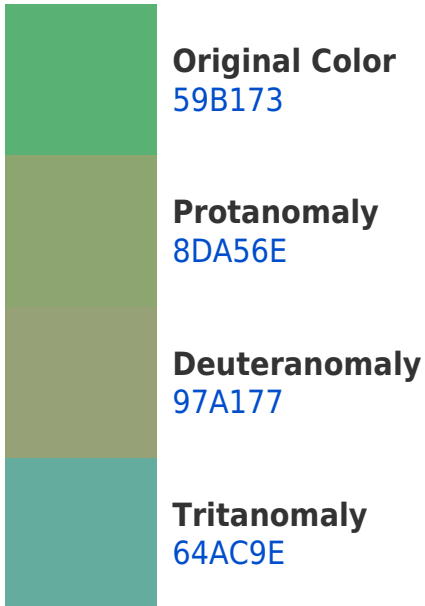
Dichromacy



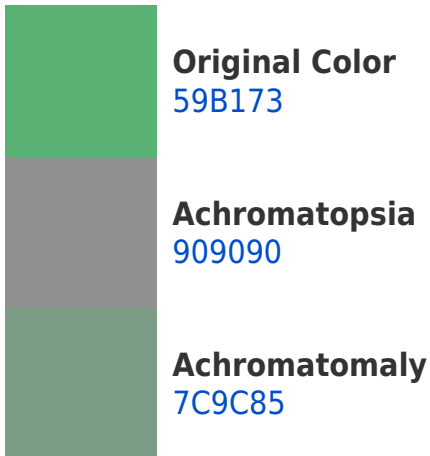


Tritanopia
6AA9B6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 59B173 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 #59B173 looks like.

```
.text, #text, p{  
    color:#59B173  
}
```

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 #59B173 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #59B173
}
```

Border

The CSS property to change the border of an element to Hex 59B173 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
#59B173 }
```

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

```
.border{ border-color:#59B173 }
```

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

Here you see how a box with a 4 pixel #59B173 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #59B173; -webkit-box-shadow:4px 4px  
4px 4px #59B173; box-shadow:4px 4px 4px  
4px #59B173 }
```

Background

The CSS property to change the background color of an element to Hex 59B173 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#59B173 }
```

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

```
.background{ background-color:#59B173 }
```

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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