

Converting Colors

Hex(58AE51)

Have a look what the booklet for
Hex(58AE51) contains.

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Color

Hex(58AE51)

Conversions

Conversions Part 1

Format	Color
Hex	58AE51
RGB	88, 174, 81
RGB Percent	35%, 68%, 32%
CMY	0.6549, 0.3176, 0.6824
CMYK	0.49, 0.00, 0.53, 0.32
HSL	115°, 36%, 50%
HSV	115°, 53%, 68%
XYZ	20.6458, 32.9409, 13.0547
YIQ	137.6840, -21.4030, -47.1550

Conversions

Conversions Part 2

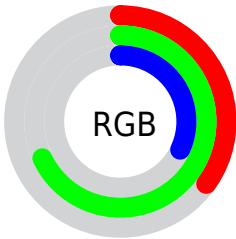
Format	Color
RYB	81, 174, 167
Decimal	5811793
CIELab	64.11, -44.75, 39.51
CIELCh	64, 59.695, 138.563
Yxy	32.9409, 0.3098, 0.4943
Android (android.graphics.Color)	4284001873 (0xFF58AE51)
YUV	137.6840, -27.9452, -43.5729
Hunter-Lab	57.3942, -36.2300, 26.6900

Details

The Hex color **58AE51** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **A751AE**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **90E684**, and **1B791F** is the 20% darker color. If you saturate the color by 10%, you get **48AE40**, and if you desaturate by 10%, it is **68AE62**.

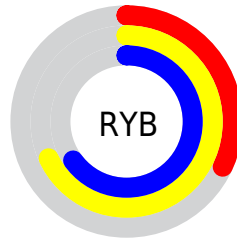
Distribution



Red (35%)

Green (68%)

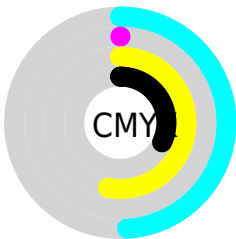
Blue (32%)



Red (32%)

Yellow (68%)

Blue (65%)

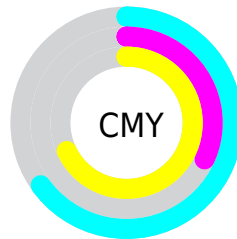


Cyan (49%)

Magenta (0%)

Yellow (53%)

Black (32%)



Cyan (65%)

Magenta (32%)

Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color 58AE51 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 58AE51 by changing the saturation by 10% instead.

 58AE51

 58AE51

FFFFFF

 3C9338

 90E684

 1B791F

 ACFF9F

 005F02

 C9FFBB

 004600

 E6FFD7

 003000

 FFFFF4

 001700

 000000

 58AE51

 58AE51

 48AE40

 68AE62

 38AE2E

 78AE74

 28AE1D

 88AE85

 18AE0B

 98AE97

 0DAE00

 A8AEA8

 B9AEB9

 C9AECB

 D9AEDC

 E9AEED

Harmonies

Analogous

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



98A32C



58AE51



00B484

Triad

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



58AE51



00A7FF



FD6C7D

Complementary

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



58AE51



A751AE

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.



F26DB2



58AE51



7796FF

Square

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



58AE51



00B1EA



C87FE2



EC7C4D

Rectangle

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



58AE51



00B5AA



C87FE2



FC6A8E

Sweetspot

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



58AE51



C1E3BF



AEA651



5F735D



F2F2F2



737373

Same Dimension

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



58AE51



5DE352



51AE78



4F574E



0B9600



021700

Inverse Universe

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



A751AE



D852E3



AE5187



564E57



8B0096



150017

Previews

White Background



This preview shows how the Hex color 58AE51 looks on a white background.

Color Contrast Check

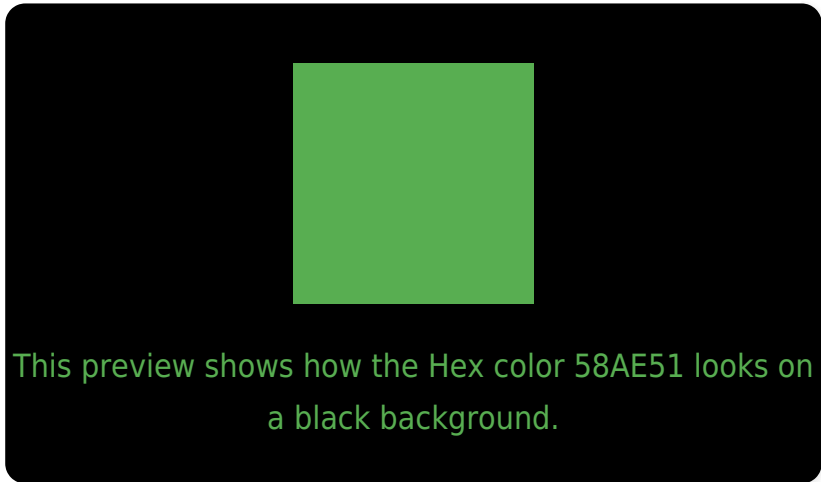
Large Text (above 18pt) WCAG AA × Fail

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

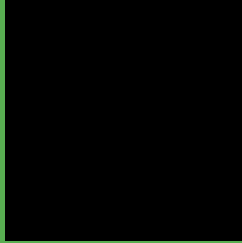
Any Text WCAG AA ✓ Pass

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 58AE51 Background



This preview shows how black text looks on a background with the Hex color 58AE51.



This preview shows how white text looks on a background with the Hex color 58AE51.

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
58AE51

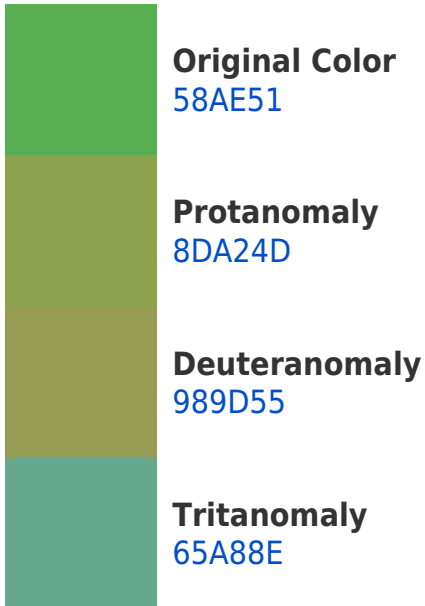
Protanopia
AB9B4B

Deuteranopia
BC9358

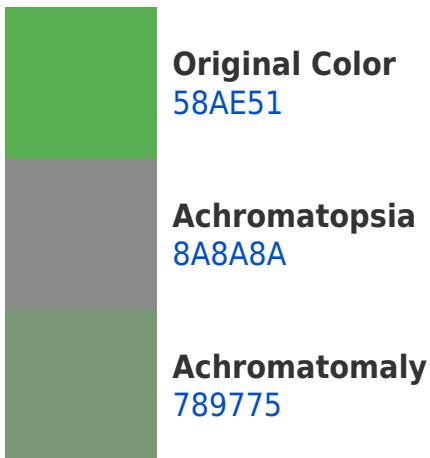


Tritanopia
6CA4B1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 58AE51 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 #58AE51 looks like.

```
.text, #text, p{  
    color:#58AE51  
}
```

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 #58AE51 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #58AE51
}
```

Border

The CSS property to change the border of an element to Hex 58AE51 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
#58AE51 }
```

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

```
.border{ border-color:#58AE51 }
```

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

Here you see how a box with a 4 pixel #58AE51 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #58AE51; -webkit-box-shadow:4px 4px  
4px 4px #58AE51; box-shadow:4px 4px 4px  
4px #58AE51 }
```

Background

The CSS property to change the background color of an element to Hex 58AE51 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#58AE51 }
```

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

```
.background{ background-color:#58AE51 }
```

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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