

Converting Colors

Hex(59BA51)

Have a look what the booklet for
Hex(59BA51) contains.

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Color

Hex(59BA51)

Conversions

Conversions Part 1

Format	Color
Hex	59BA51
RGB	89, 186, 81
RGB Percent	35%, 73%, 32%
CMY	0.6510, 0.2706, 0.6824
CMYK	0.52, 0.00, 0.56, 0.27
HSL	115°, 43%, 52%
HSV	115°, 56%, 73%
XYZ	23.1639, 37.8357, 13.8667
YIQ	145.0270, -24.1070, -53.2190

Conversions

Conversions Part 2

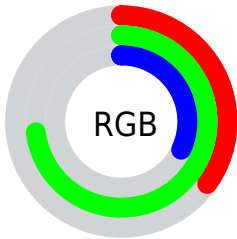
Format	Color
RYB	81, 186, 178
Decimal	5880401
CIELab	67.90, -49.32, 44.03
CIELCh	68, 66.114, 138.243
Yxy	37.8357, 0.3094, 0.5054
Android (android.graphics.Color)	4284070481 (0xFF59BA51)
YUV	145.0270, -31.5653, -49.1357
Hunter-Lab	61.5108, -40.4237, 29.6914

Details

The Hex color **59BA51** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **B251BA**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **92F385**, and **16841D** is the 20% darker color. If you saturate the color by 10%, you get **48BA3E**, and if you desaturate by 10%, it is **6ABA64**.

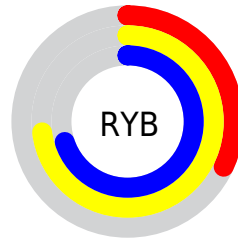
Distribution



Red (35%)

Green (73%)

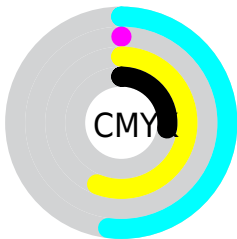
Blue (32%)



Red (32%)

Yellow (73%)

Blue (70%)

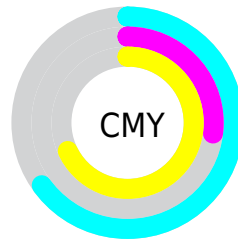


Cyan (52%)

Magenta (0%)

Yellow (56%)

Black (27%)



Cyan (65%)

Magenta (27%)

Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color 59BA51 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 59BA51 by changing the saturation by 10% instead.



59BA51



59BA51

FFFFFF



3B9F38



92F385



16841D



AFFFA0



006A00



CCFFBC



005100



E9FFD8



003900



FFFFFF5



002300



000000



59BA51



59BA51



48BA3E



6ABA64

 37BA2C

 7BBA76

 25BA19

 8DBA89

 14BA07

 9EBA9B

 0EBA00

 AFBAAE

 C0BAC1

 D1BAD3

 E2BAE6

 F4BAF8

Harmonies

Analogous

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



A1AE25



59BA51



00C08B

Triad

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



59BA51



00B3FF



FF6E84

Complementary

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



59BA51



B251BA

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.



FF70C0



59BA51



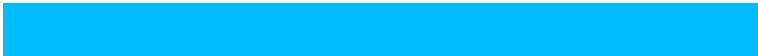
799FFF

Square

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



59BA51



00BEFD



D685F6



FF824E

Rectangle

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



59BA51



00C2B5



D685F6



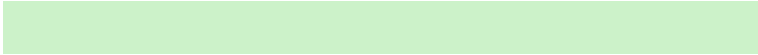
FF6C97

Sweetspot

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



59BA51



CCF2C9



BAB151



647A62



FAFAFA



7A7A7A

Same Dimension

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



59BA51



5AF24E



51BA7D



535C53



0C9C00



021C00

Inverse Universe

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



B251BA



E64EF2



BA518E



5B535C



90009C



1A001C

Previews

White Background



This preview shows how the Hex color 59BA51 looks on a white background.

Color Contrast Check

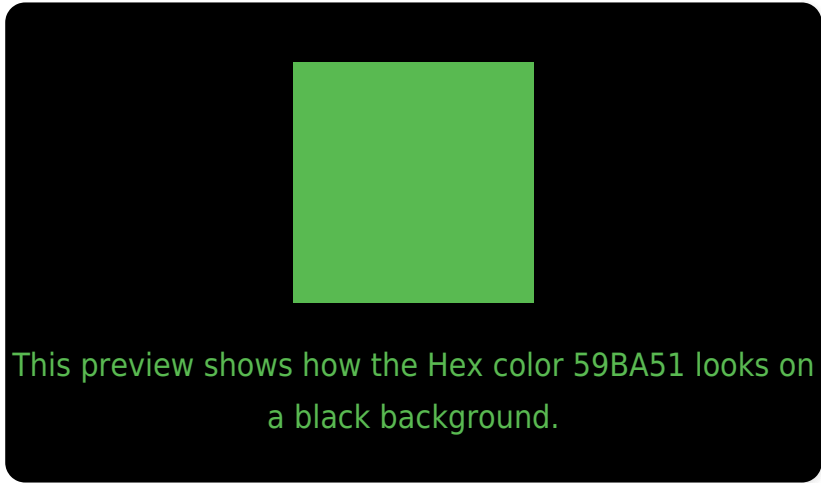
Large Text (above 18pt) WCAG AA × Fail

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

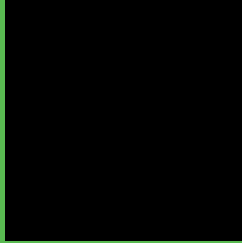
Any Text WCAG AA ✓ Pass

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 59BA51 Background



This preview shows how black text looks on a background with the Hex color 59BA51.

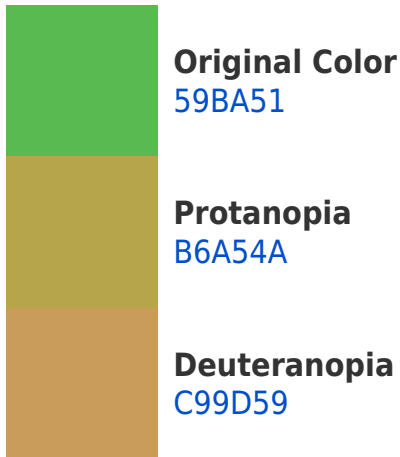


This preview shows how white text looks on a background with the Hex color 59BA51.

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](#).

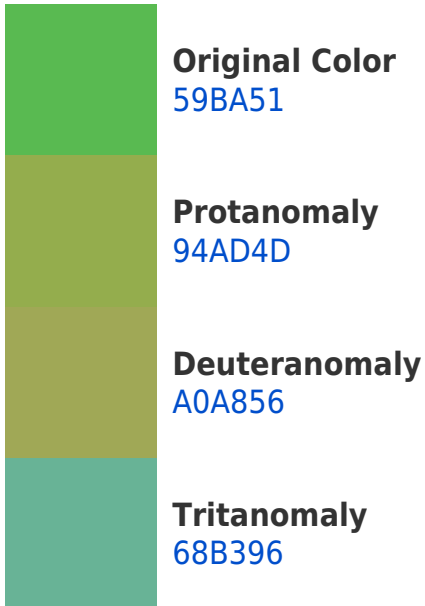
Dichromacy



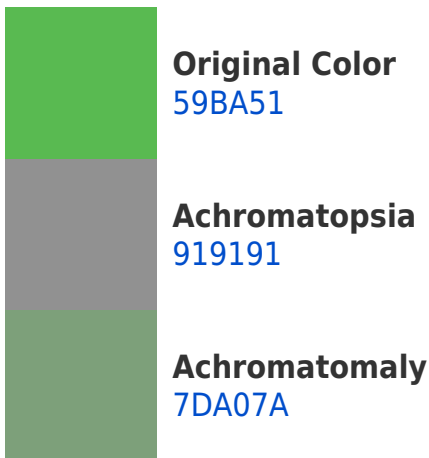


Tritanopia
70AFBD

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 59BA51 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 #59BA51 looks like.

```
.text, #text, p{  
    color:#59BA51  
}
```

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 #59BA51 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #59BA51
}
```

Border

The CSS property to change the border of an element to Hex 59BA51 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
#59BA51 }
```

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

```
.border{ border-color:#59BA51 }
```

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

Here you see how a box with a 4 pixel #59BA51 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #59BA51; -webkit-box-shadow:4px 4px  
4px 4px #59BA51; box-shadow:4px 4px 4px  
4px #59BA51 }
```

Background

The CSS property to change the background color of an element to Hex 59BA51 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#59BA51 }
```

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

```
.background{ background-color:#59BA51 }
```

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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