

Converting Colors

Hex(51A242)

Have a look what the booklet for
Hex(51A242) contains.

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Color

Hex(51A242)

Conversions

Conversions Part 1

Format	Color
Hex	51A242
RGB	81, 162, 66
RGB Percent	32%, 64%, 26%
CMY	0.6824, 0.3647, 0.7412
CMYK	0.50, 0.00, 0.59, 0.36
HSL	111°, 42%, 45%
HSV	111°, 59%, 64%
XYZ	17.2970, 27.9833, 9.6439
YIQ	126.8370, -17.4600, -47.0280

Conversions

Conversions Part 2

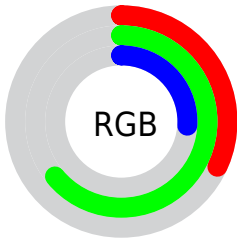
Format	Color
RYB	66, 162, 147
Decimal	5349954
CIELab	59.87, -43.70, 41.67
CIElCh	60, 60.378, 136.364
Yxy	27.9833, 0.3149, 0.5095
Android (android.graphics.Color)	4283540034 (0xFF51A242)
YUV	126.8370, -29.9926, -40.1990
Hunter-Lab	52.8993, -34.2077, 26.2205

Details

The Hex color **51A242** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **9342A2**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **88DA75**, and **126D0D** is the 20% darker color. If you saturate the color by 10%, you get **43A232**, and if you desaturate by 10%, it is **5FA252**.

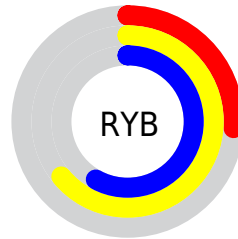
Distribution



Red (32%)

Green (64%)

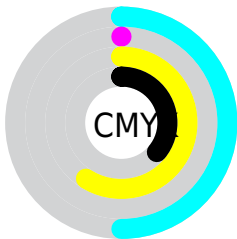
Blue (26%)



Red (26%)

Yellow (64%)

Blue (58%)

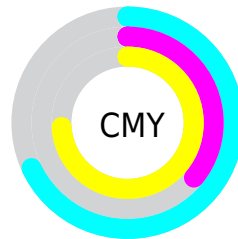


Cyan (50%)

Magenta (0%)

Yellow (59%)

Black (36%)



Cyan (68%)

Magenta (36%)

Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color 51A242 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 51A242 by changing the saturation by 10% instead.

 51A242

 51A242

FFFFFF

 348729

 88DA75

 126D0D

 A4F690

 005400

 C1FFAB

 003C00

 DEFFC6

 002800

 FBFFE3

 000000

 51A242

 51A242

 43A232

 5FA252

 36A222

 6CA262

■ 28A211

■ 7AA273

■ 1AA201

■ 88A283

■ 19A200

■ 95A293

■ A3A2A3

■ B1A2B3

■ BEA2C4

■ CCA2D4

Harmonies

Analogous

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



90971B



51A242



00A875

Triad

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



51A242



009DF8



F15E75

Complementary

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



51A242



9342A2

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.



E461AB



51A242



608CF7

Square

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



51A242



00A6DC



B875DA



E26F45

Rectangle

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



51A242



00A99A



B875DA



F05D87

Sweetspot

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



51A242



B4D4AE



A29242



576B54



EBEBEB



6B6B6B

Same Dimension

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



51A242



55D43D



42A262



4B5249



179100



031200

Inverse Universe

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



9342A2



BC3DD4



A24282



504952



7B0091



0F0012

Previews

White Background



This preview shows how the Hex color 51A242 looks on a white background.

Color Contrast Check

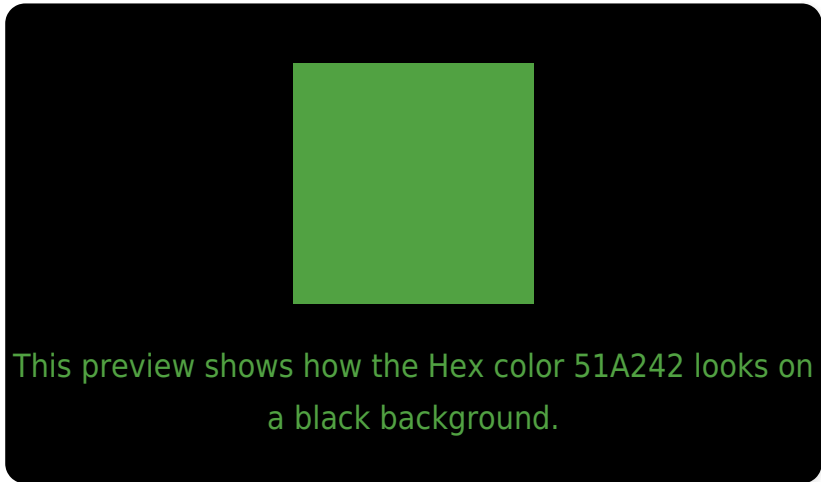
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

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

Hex 51A242 Background



This preview shows how black text looks on a background with the Hex color 51A242.



This preview shows how white text looks on a background with the Hex color 51A242.

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](#).

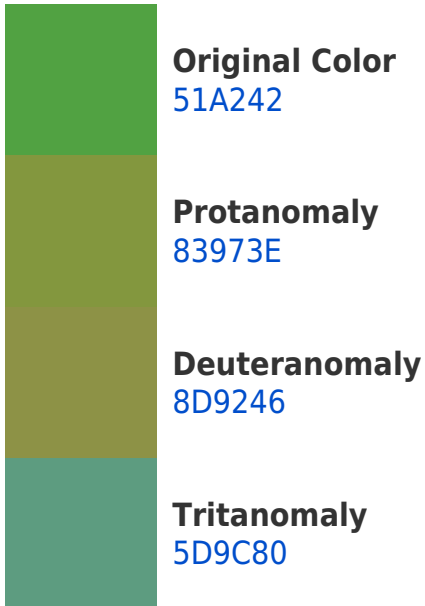
Dichromacy



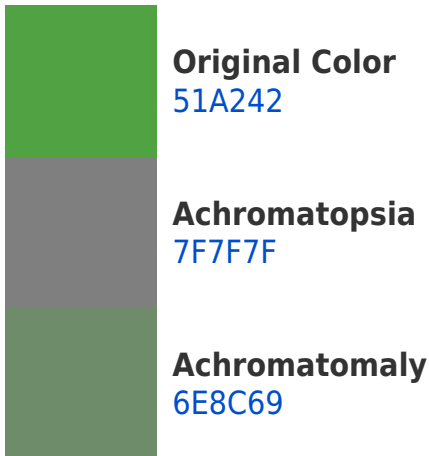


Tritanopia
6498A4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 51A242 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 #51A242 looks like.

```
.text, #text, p{  
    color:#51A242  
}
```

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 #51A242 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #51A242
}
```

Border

The CSS property to change the border of an element to Hex 51A242 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
#51A242 }
```

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

```
.border{ border-color:#51A242 }
```

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

Here you see how a box with a 4 pixel #51A242 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #51A242; -webkit-box-shadow:4px 4px  
4px 4px #51A242; box-shadow:4px 4px 4px  
4px #51A242 }
```

Background

The CSS property to change the background color of an element to Hex 51A242 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#51A242 }
```

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

```
.background{ background-color:#51A242 }
```

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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