

Converting Colors

Hex(51A30F)

Have a look what the booklet for
Hex(51A30F) contains.

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Color

Hex(51A30F)

Conversions

Conversions Part 1

Format	Color
Hex	51A30F
RGB	81, 163, 15
RGB Percent	32%, 64%, 6%
CMY	0.6824, 0.3608, 0.9412
CMYK	0.50, 0.00, 0.91, 0.36
HSL	93°, 83%, 35%
HSV	93°, 91%, 64%
XYZ	16.5768, 27.9782, 4.9786
YIQ	121.6100, -1.3640, -63.4120

Conversions

Conversions Part 2

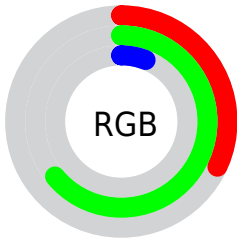
Format	Color
RYB	15, 163, 97
Decimal	5350159
CIELab	59.87, -47.67, 59.29
CIELCh	60, 76.076, 128.797
Yxy	27.9782, 0.3347, 0.5648
Android (android.graphics.Color)	4283540239 (0xFF51A30F)
YUV	121.6100, -52.5587, -35.6150
Hunter-Lab	52.8944, -36.6246, 31.4455

Details

The Hex color **51A30F** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **610FA3**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **8ADB4E**, and **086E00** is the 20% darker color. If you saturate the color by 10%, you get **49A300**, and if you desaturate by 10%, it is **5AA31F**.

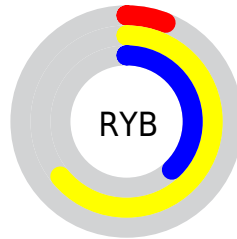
Distribution



Red (32%)

Green (64%)

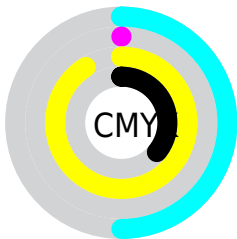
Blue (6%)



Red (6%)

Yellow (64%)

Blue (38%)

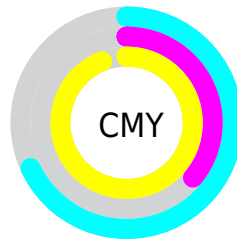


Cyan (50%)

Magenta (0%)

Yellow (91%)

Black (36%)



Cyan (68%)

Magenta (36%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the Hex color 51A30F 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 51A30F by changing the saturation by 10% instead.

 51A30F

 51A30F

FFFFFF

 338800

 8ADB4E

 086E00

 A7F76A

 005500

 C4FF85

 003D00

 E1FFA1

 002800

 FFFFBD

 000000

 FFFFDA

 FFFFF7

 51A30F

 51A30F

■ 49A300

■ 5AA31F

■ 63A330

■ 6CA340

■ 75A350

■ 7EA361

■ 87A371

■ 90A381

■ 99A391

■ A2A3A2

Harmonies

Analogous

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



9C9400



51A30F



00AB5D

Triad

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



51A30F



00A4FF



FF427F

Complementary

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



51A30F



610FA3

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.



EE51C2



51A30F



0092FF

Square

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



51A30F



00ADE3



AA74FA



F95A3F

Rectangle

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



51A30F



00AD8B



AA74FA



FF4396

Sweetspot

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



51A30F



B4D49B



A3600F



586B49



EBEBEB



6B6B6B

Same Dimension

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



51A30F



5ED400



0FA316



4D5249



419100



081200

Inverse Universe

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



610FA3



7500D4



A30F9C



4E4952



510091



0A0012

Previews

White Background



This preview shows how the Hex color 51A30F looks on a white background.

Color Contrast Check

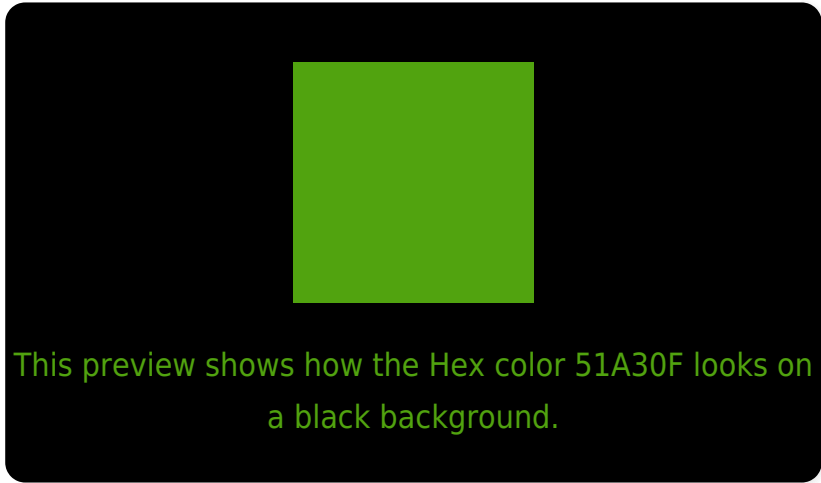
Large Text (above 18pt) WCAG AA ✓ Pass

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 51A30F Background



This preview shows how black text looks on a background with the Hex color 51A30F.

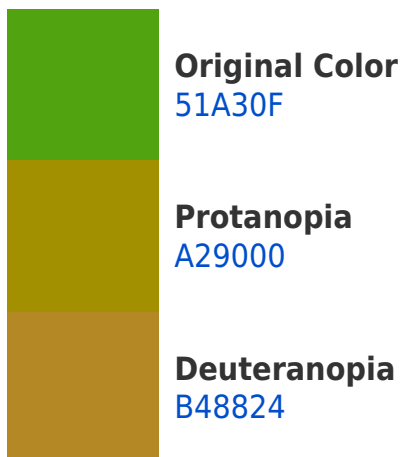


This preview shows how white text looks on a background with the Hex color 51A30F.

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](#).

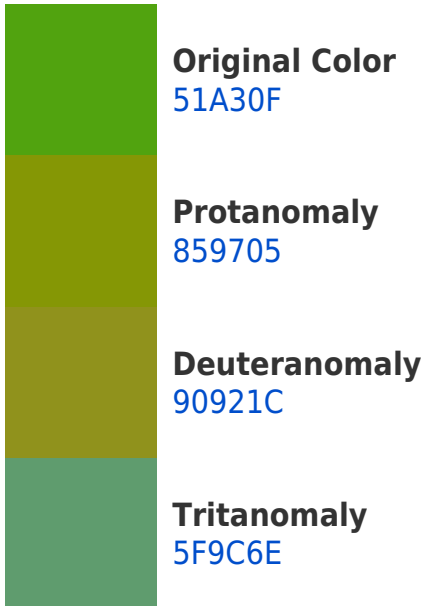
Dichromacy



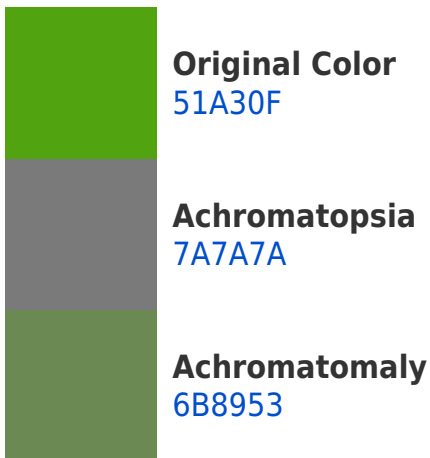


Tritanopia
6798A4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 51A30F 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 #51A30F looks like.

```
.text, #text, p{  
    color:#51A30F  
}
```

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 #51A30F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #51A30F
}
```

Border

The CSS property to change the border of an element to Hex 51A30F 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
#51A30F }
```

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

```
.border{ border-color:#51A30F }
```

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

Here you see how a box with a 4 pixel #51A30F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #51A30F; -webkit-box-shadow:4px 4px  
4px 4px #51A30F; box-shadow:4px 4px 4px  
4px #51A30F }
```

Background

The CSS property to change the background color of an element to Hex 51A30F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#51A30F }
```

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

```
.background{ background-color:#51A30F }
```

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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