

Converting Colors

Hex(55A71A)

Have a look what the booklet for
Hex(55A71A) contains.

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Color

Hex(55A71A)

Conversions

Conversions Part 1

Format	Color
Hex	55A71A
RGB	85, 167, 26
RGB Percent	33%, 65%, 10%
CMY	0.6667, 0.3451, 0.8980
CMYK	0.49, 0.00, 0.84, 0.35
HSL	95°, 73%, 38%
HSV	95°, 84%, 65%
XYZ	17.7515, 29.6433, 5.7634
YIQ	126.4080, -3.6110, -61.2350

Conversions

Conversions Part 2

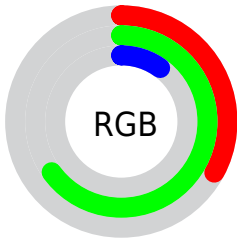
Format	Color
R_{YB}	26, 167, 108
Decimal	5613338
CIE _{Lab}	61.35, -47.58, 58.26
CIE _{LCh}	61, 75.221, 129.238
Yxy	29.6433, 0.3339, 0.5576
Android (android.graphics.Color)	4283803418 (0xFF55A71A)
YUV	126.4080, -49.5011, -36.3148
Hunter-Lab	54.4457, -37.0817, 31.8358

Details

The Hex color **55A71A** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **6C1AA7**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **8EDF55**, and **117200** is the 20% darker color. If you saturate the color by 10%, you get **4BA709**, and if you desaturate by 10%, it is **5FA72B**.

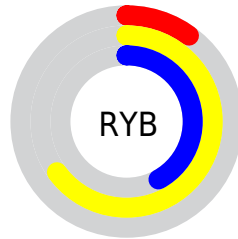
Distribution



Red (33%)

Green (65%)

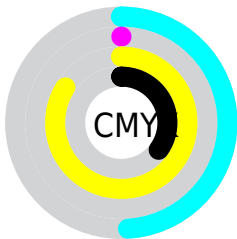
Blue (10%)



Red (10%)

Yellow (65%)

Blue (42%)

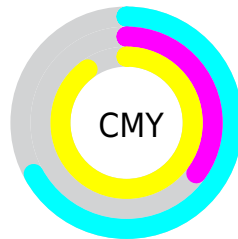


Cyan (49%)

Magenta (0%)

Yellow (84%)

Black (35%)



Cyan (67%)

Magenta (35%)

Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the Hex color 55A71A 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 55A71A by changing the saturation by 10% instead.


 55A71A

 55A71A

FFFFFF

 378C00

 8EDF55

 117200

 ABFC70

 005900

 C8FF8B

 004000

 E5FFA7

 002B00

 FFFFC3

 000900

 FFFFEO

 000000

FFFFFFE

 55A71A

 55A71A

 4BA709

 5FA72B

 46A700

 68A73B

 72A74C

 7CA75D

 86A76E

 8FA77E

 99A78F

 A3A7A0

 ACA7B0

Harmonies

Analogous

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



9F9800



55A71A



00AF62

Triad

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



55A71A



00A8FF



FF4982

Complementary

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



55A71A



6C1AA7

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.



F257C5



55A71A



0096FF

Square

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



55A71A



00B0E7



AF78FC



FD6043

Rectangle

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



55A71A



00B190



AF78FC



FF4999

Sweetspot

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



55A71A



B9D9A3



A76A1A



5B6E4D



EDEDED



6E6E6E

Same Dimension

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



55A71A



5BD900



1AA723



4F544C



3E9400



091400

Inverse Universe

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



6C1AA7



7E00D9



A71A9E



514C54



560094



0C0014

Previews

White Background



This preview shows how the Hex color 55A71A looks on a white background.

Color Contrast Check

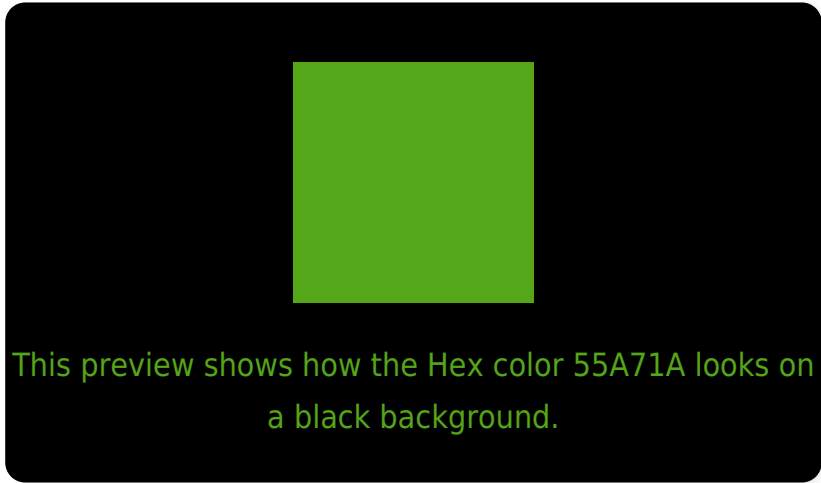
Large Text (above 18pt) WCAG AA ✓ Pass

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 55A71A Background



This preview shows how black text looks on a background with the Hex color 55A71A.



This preview shows how white text looks on a background with the Hex color 55A71A.

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](#).

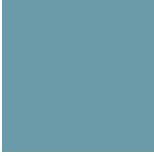
Dichromacy



Original Color
55A71A

Protanopia
A69414

Deuteranopia
B98C2A



Tritanopia
6B9BA8

Trichromacy



Original Color
55A71A



Protanomaly
899B16



Deuteranomaly
959624



Tritanomaly
639F74

Monochromacy



Original Color
55A71A



Achromatopsia
7E7E7E



Achromatomaly
6F8D5A

CSS Examples

Text

The CSS property to change the color of the text to Hex 55A71A 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 #55A71A looks like.

```
.text, #text, p{  
    color:#55A71A  
}
```

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 #55A71A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #55A71A
}
```

Border

The CSS property to change the border of an element to Hex 55A71A 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
#55A71A }
```

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

```
.border{ border-color:#55A71A }
```

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

Here you see how a box with a 4 pixel #55A71A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #55A71A; -webkit-box-shadow:4px 4px  
4px 4px #55A71A; box-shadow:4px 4px 4px  
4px #55A71A }
```

Background

The CSS property to change the background color of an element to Hex 55A71A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#55A71A }
```

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

```
.background{ background-color:#55A71A }
```

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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