

Converting Colors

Hex(58A417)

Have a look what the booklet for
Hex(58A417) contains.

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Color

Hex(58A417)

Conversions

Conversions Part 1

Format	Color
Hex	58A417
RGB	88, 164, 23
RGB Percent	35%, 64%, 9%
CMY	0.6549, 0.3569, 0.9098
CMYK	0.46, 0.00, 0.86, 0.36
HSL	92°, 75%, 37%
HSV	92°, 86%, 64%
XYZ	17.4546, 28.6875, 5.4279
YIQ	125.2020, -0.0350, -59.9630

Conversions

Conversions Part 2

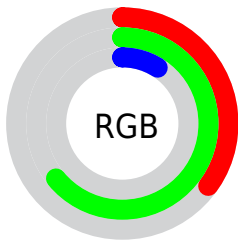
Format	Color
R_{YB}	23, 164, 99
Decimal	5809175
CIE _{Lab}	60.50, -45.56, 58.30
CIE _{LCh}	61, 73.989, 128.008
Yxy	28.6875, 0.3385, 0.5563
Android (android.graphics.Color)	4283999255 (0xFF58A417)
YUV	125.2020, -50.3856, -32.6262
Hunter-Lab	53.5607, -35.5608, 31.4840

Details

The Hex color **58A417** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **6317A4**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **91DC53**, and **196F00** is the 20% darker color. If you saturate the color by 10%, you get **4FA407**, and if you desaturate by 10%, it is **61A427**.

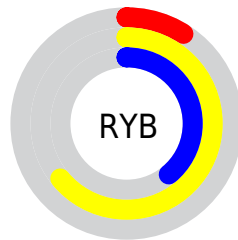
Distribution



Red (35%)

Green (64%)

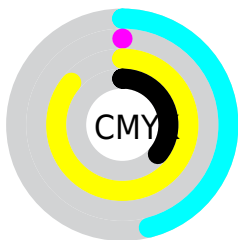
Blue (9%)



Red (9%)

Yellow (64%)

Blue (39%)

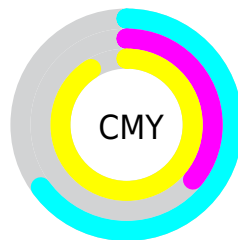


Cyan (46%)

Magenta (0%)

Yellow (86%)

Black (36%)



Cyan (65%)

Magenta (36%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 58A417 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 58A417 by changing the saturation by 10% instead.



58A417



58A417

FFFFFF



3B8900



91DC53



196F00



ADF86E



005600



CAFF89



003E00



E8FFA5



002900



FFFFC1



000300



FFFDE



000000



FFFFFB



58A417



58A417

■ 4FA407

■ 61A427

■ 4CA400

■ 6AA438

■ 73A448

■ 7BA459

■ 84A469

■ 8DA479

■ 96A48A

■ 9FA49A

■ A8A4AB

Harmonies

Analogous

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



9F9500



58A417



00AC5E

Triad

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



58A417



00A6FF



FF4983

Complementary

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



58A417



6317A4

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.



EC57C4



58A417



0094FF

Square

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



58A417



00AEE1



A978FA



FA5E45

Rectangle

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



58A417



00AF8B



A978FA



FF4999

Sweetspot

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



58A417



B8D69F



A46217



596B4A



EBEBEB



6B6B6B

Same Dimension

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



58A417



63D600



17A41C



4D5249



439100



081200

Inverse Universe

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



6317A4



7300D6



A4179F



4E4952



4E0091



0A0012

Previews

White Background



This preview shows how the Hex color 58A417 looks on a white background.

Color Contrast Check

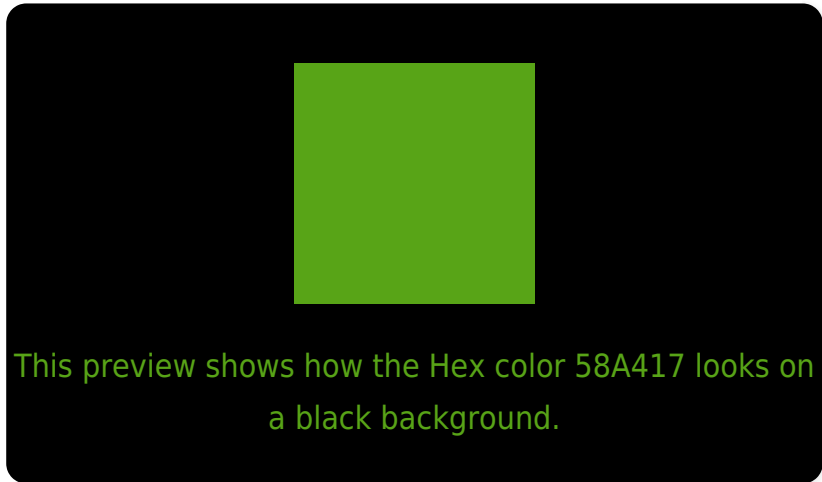
Large Text (above 18pt) WCAG AA ✓ Pass

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 58A417 Background



This preview shows how black text looks on a background with the Hex color 58A417.



This preview shows how white text looks on a background with the Hex color 58A417.

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](#).

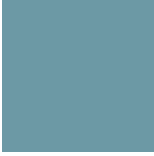
Dichromacy



Original Color
58A417

Protanopia
A49111

Deuteranopia
B68A27



Tritanopia
6C99A5

Trichromacy



Original Color
58A417

Protanomaly
889813

Deuteranomaly
949321

Tritanomaly
659D71

Monochromacy



Original Color
58A417

Achromatopsia
7D7D7D

Achromatomaly
708B58

CSS Examples

Text

The CSS property to change the color of the text to Hex 58A417 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 #58A417 looks like.

```
.text, #text, p{  
    color:#58A417  
}
```

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 #58A417 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #58A417
}
```

Border

The CSS property to change the border of an element to Hex 58A417 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
#58A417 }
```

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

```
.border{ border-color:#58A417 }
```

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

Here you see how a box with a 4 pixel #58A417 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #58A417; -webkit-box-shadow:4px 4px  
4px 4px #58A417; box-shadow:4px 4px 4px  
4px #58A417 }
```

Background

The CSS property to change the background color of an element to Hex 58A417 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#58A417 }
```

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

```
.background{ background-color:#58A417 }
```

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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