

Converting Colors

Hex(9FC51C)

Have a look what the booklet for
Hex(9FC51C) contains.

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Color

Hex(9FC51C)

Conversions

Conversions Part 1

Format	Color
Hex	9FC51C
RGB	159, 197, 28
RGB Percent	62%, 77%, 11%
CMY	0.3765, 0.2275, 0.8902
CMYK	0.19, 0.00, 0.86, 0.23
HSL	73°, 75%, 44%
HSV	73°, 86%, 77%
XYZ	34.4739, 47.3873, 8.4283
YIQ	166.3720, 31.6010, -60.6150

Conversions

Conversions Part 2

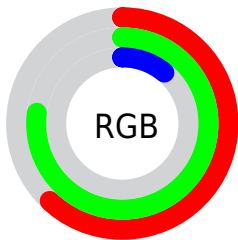
Format	Color
RYB	28, 197, 66
Decimal	10470684
CIELab	74.44, -33.24, 70.69
CIELCh	74, 78.113, 115.182
Yxy	47.3873, 0.3818, 0.5248
Android (android.graphics.Color)	4288660764 (0xFF9FC51C)
YUV	166.3720, -68.2174, -6.4652
Hunter-Lab	68.8384, -31.0753, 40.9277

Details

The Hex color **9FC51C** is a dark color, and the websafe version is hex **99CC33**. The color can be described as dark washed chartreuse. A complement of this color would be **421CC5**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **D9FE5C**, and **668F00** is the 20% darker color. If you saturate the color by 10%, you get **9BC508**, and if you desaturate by 10%, it is **A3C530**.

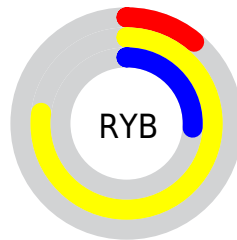
Distribution



Red (62%)

Green (77%)

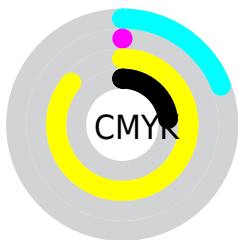
Blue (11%)



Red (11%)

Yellow (77%)

Blue (26%)

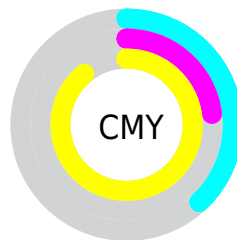


Cyan (19%)

Magenta (0%)

Yellow (86%)

Black (23%)



Cyan (38%)

Magenta (23%)

Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9FC51C 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 9FC51C by changing the saturation by 10% instead.

 9FC51C

 9FC51C

FFFFFF

 83AA00

 D9FE5C

 668F00

 F7FF79

 4B7500

 FFFF95

 2E5C00

 FFFFB1

 0D4500

 FFFFCE

 002E00

 FFFFEC

 001800

 000000

 9FC51C

 9FC51C

■ 9BC508

■ A3C530

■ 99C500

■ A8C543

■ ACC557

■ B1C56B

■ B5C57E

■ BAC592

■ BEC5A6

■ C2C5BA

■ C7C5CD

Harmonies

Analogous

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



E4B000



9FC51C



30D260

Triad

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



9FC51C



00D2FF



FF6FC6

Complementary

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



9FC51C



421CC5

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.



FF88FF



9FC51C



00C3FF

Square

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



9FC51C



00D8F2



9FA9FF



FF767E

Rectangle

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



9FC51C



00D690



9FA9FF



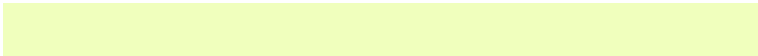
FF75DE

Sweetspot

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



9FC51C



F0FFBD



C5411C



778058



000000



808080

Same Dimension

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



9FC51C



C6FF00



4CC51C



61635A



7FA300



1C2400

Inverse Universe

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



421CC5



3900FF



951CC5



5C5A63



2500A3



080024

Previews

White Background



This preview shows how the Hex color 9FC51C looks on a white background.

Color Contrast Check

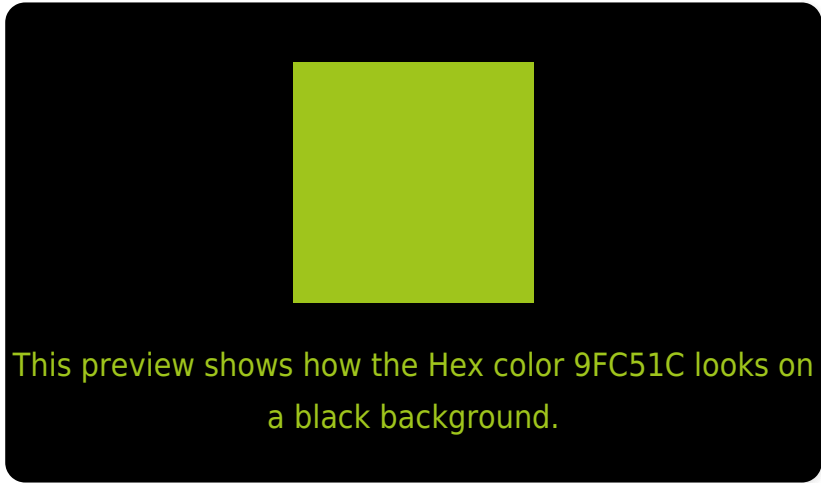
Large Text (above 18pt) WCAG AA × Fail

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 9FC51C Background



This preview shows how black text looks on a background with the Hex color 9FC51C.



This preview shows how white text looks on a background with the Hex color 9FC51C.

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
9FC51C

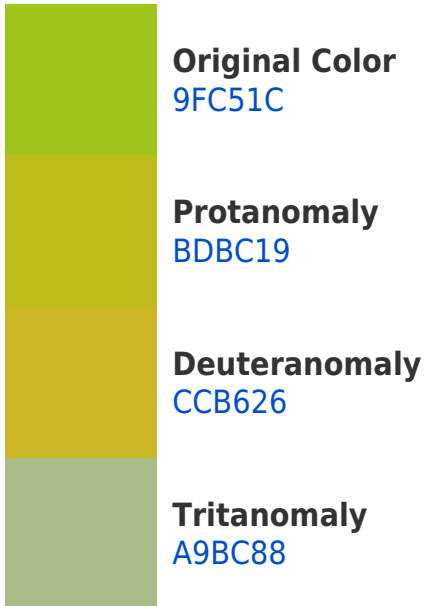
Protanopia
CEB718

Deuteranopia
E6AD2C

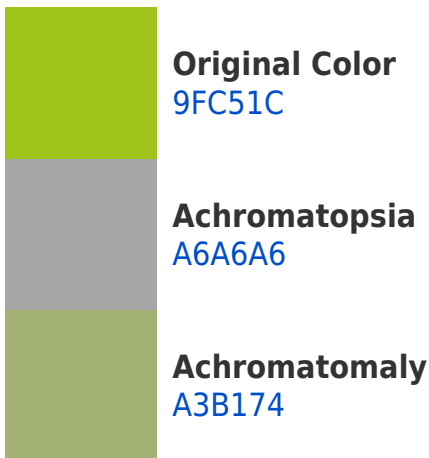


Tritanopia
AFB7C6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9FC51C 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 #9FC51C looks like.

```
.text, #text, p{  
    color:#9FC51C  
}
```

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 #9FC51C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9FC51C
}
```

Border

The CSS property to change the border of an element to Hex 9FC51C 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
#9FC51C }
```

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

```
.border{ border-color:#9FC51C }
```

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

Here you see how a box with a 4 pixel #9FC51C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9FC51C; -webkit-box-shadow:4px 4px  
4px 4px #9FC51C; box-shadow:4px 4px 4px  
4px #9FC51C }
```

Background

The CSS property to change the background color of an element to Hex 9FC51C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9FC51C }
```

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

```
.background{ background-color:#9FC51C }
```

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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