

Converting Colors

Hex(9FCB1D)

Have a look what the booklet for
Hex(9FCB1D) contains.

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Color

Hex(9FCB1D)

Conversions

Conversions Part 1

Format	Color
Hex	9FCB1D
RGB	159, 203, 29
RGB Percent	62%, 80%, 11%
CMY	0.3765, 0.2039, 0.8863
CMYK	0.22, 0.00, 0.86, 0.20
HSL	75°, 75%, 45%
HSV	75°, 86%, 80%
XYZ	35.8758, 50.1715, 8.9556
YIQ	170.0080, 29.6300, -63.4420

Conversions

Conversions Part 2

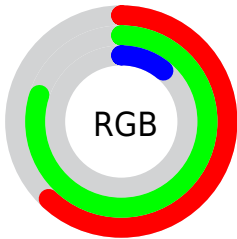
Format	Color
R _Y B	29, 203, 73
Decimal	10472221
CIE Lab	76.17, -35.96, 71.94
CIE LCh	76, 80.429, 116.555
Yxy	50.1715, 0.3776, 0.5281
Android (android.graphics.Color)	4288662301 (0xFF9FCB1D)
YUV	170.0080, -69.5169, -9.6540
Hunter-Lab	70.8318, -33.5469, 42.0860

Details

The Hex color **9FCB1D** is a dark color, and the websafe version is hex **99CC00**. The color can be described as dark washed chartreuse. A complement of this color would be **491DCB**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **D9FF5E**, and **669500** is the 20% darker color. If you saturate the color by 10%, you get **9ACB09**, and if you desaturate by 10%, it is **A4CB31**.

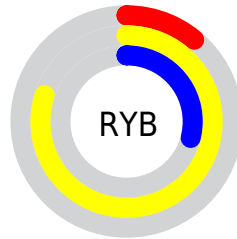
Distribution



Red (62%)

Green (80%)

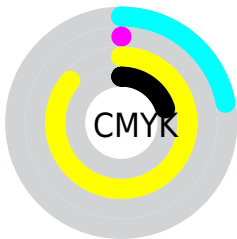
Blue (11%)



Red (11%)

Yellow (80%)

Blue (29%)

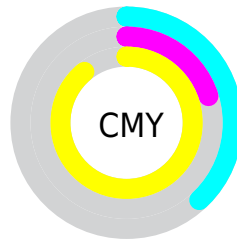


Cyan (22%)

Magenta (0%)

Yellow (86%)

Black (20%)



Cyan (38%)

Magenta (20%)

Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9FCB1D 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 9FCB1D by changing the saturation by 10% instead.

 9FCB1D

 9FCB1D

FFFFFF

 82AF00

 D9FF5E

 669500

 F7FF7A

 4A7B00

 FFFF97

 2D6200

 FFFFB3

 084900

 FFFF00

 003200

 FFFFEE

 001E00

 000000

 9FCB1D

 9FCB1D

 9ACB09

 A4CB31

 98CB00

 A9CB46

 AECB5A

 B4CB6E

 B9CB83

 BECB97

 C3CBAB

 C8CBBF

 CDCBD4

Harmonies

Analogous

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



E7B500



9FCB1D



1FD865

Triad

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



9FCB1D



00D7FF



FF70C8

Complementary

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



9FCB1D



491DCB

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.



FF89FF



9FCB1D



00C7FF

Square

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



9FCB1D



00DEFC



A9ACFF



FF797E

Rectangle

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



9FCB1D



00DC97



A9ACFF



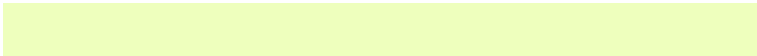
FF76E1

Sweetspot

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



9FCB1D



EEFFBD



CB491D



768058



000000



808080

Same Dimension

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



9FCB1D



BFFF00



49CB1D



63665C



7CA600



1D2600

Inverse Universe

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



491DCB



4000FF



A01DCB



5E5C66



2A00A6



0A0026

Previews

White Background



This preview shows how the Hex color 9FCB1D looks on a white background.

Color Contrast Check

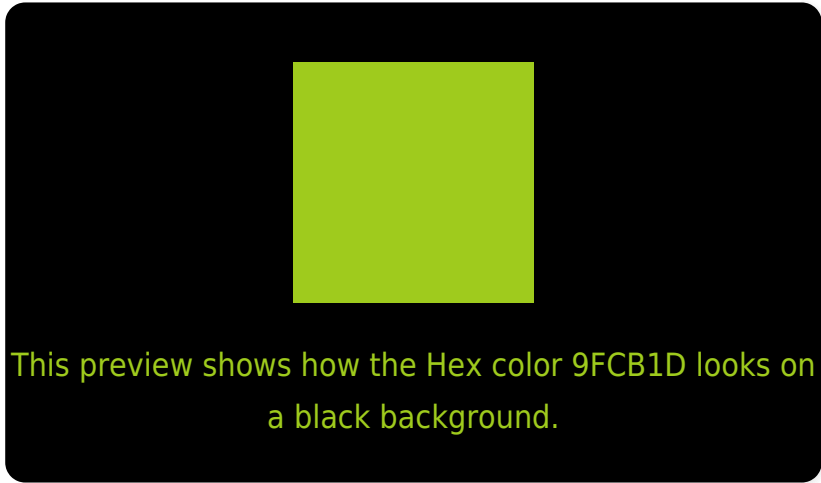
Large Text (above 18pt) WCAG AA × Fail

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 9FCB1D Background



This preview shows how black text looks on a background with the Hex color 9FCB1D.

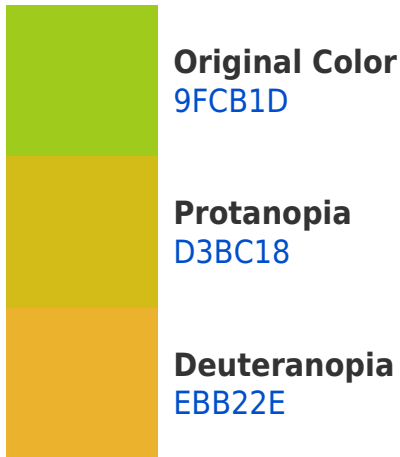


This preview shows how white text looks on a background with the Hex color 9FCB1D.

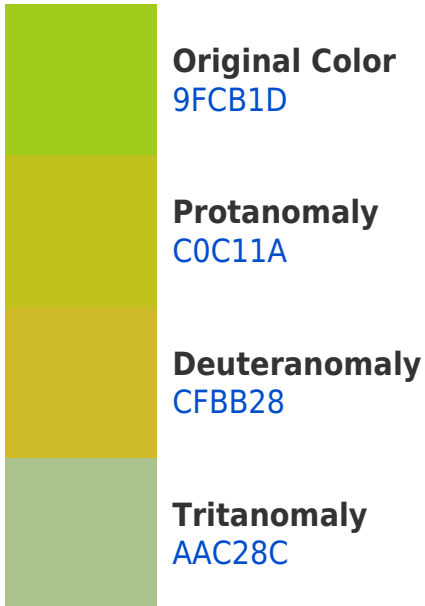
Color Blindness Simulation

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](#).

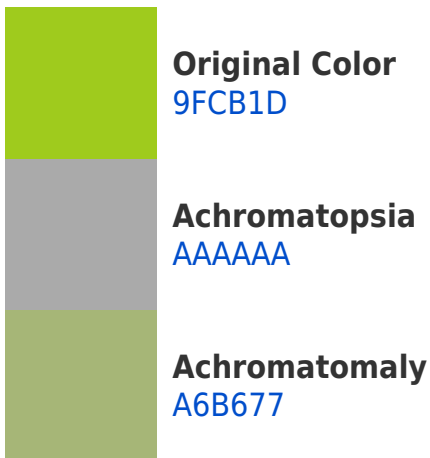
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9FCB1D 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 #9FCB1D looks like.

```
.text, #text, p{  
    color:#9FCB1D  
}
```

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 #9FCB1D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9FCB1D
}
```

Border

The CSS property to change the border of an element to Hex 9FCB1D 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
#9FCB1D }
```

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

```
.border{ border-color:#9FCB1D }
```

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

Here you see how a box with a 4 pixel #9FCB1D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9FCB1D; -webkit-box-shadow:4px 4px  
4px 4px #9FCB1D; box-shadow:4px 4px 4px  
4px #9FCB1D }
```

Background

The CSS property to change the background color of an element to Hex 9FCB1D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9FCB1D }
```

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

```
.background{ background-color:#9FCB1D }
```

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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