

Converting Colors

Hex(9FE31C)

Have a look what the booklet for
Hex(9FE31C) contains.

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Color

Hex(9FE31C)

Conversions

Conversions Part 1

Format	Color
Hex	9FE31C
RGB	159, 227, 28
RGB Percent	62%, 89%, 11%
CMY	0.3765, 0.1098, 0.8902
CMYK	0.30, 0.00, 0.88, 0.11
HSL	81°, 78%, 50%
HSV	81°, 88%, 89%
XYZ	41.9768, 62.3929, 10.9292
YIQ	183.9820, 23.3510, -76.3050

Conversions

Conversions Part 2

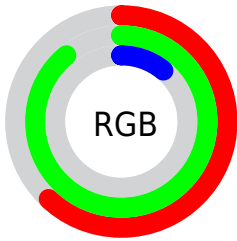
Format	Color
R _Y B	28, 227, 96
Decimal	10478364
CIE Lab	83.12, -46.48, 77.95
CIE LCh	83, 90.758, 120.807
Yxy	62.3929, 0.3641, 0.5411
Android (android.graphics.Color)	4288668444 (0xFF9FE31C)
YUV	183.9820, -76.8991, -21.9092
Hunter-Lab	78.9892, -43.3719, 47.0889

Details

The Hex color **9FE31C** is a dark color, and the websafe version is hex **99CC00**. The color can be described as middle washed chartreuse. A complement of this color would be **601CE3**, and the grayscale version is **B9B9B9**.

A 20% lighter version of the original color is **DAFF61**, and **64AB00** is the 20% darker color. If you saturate the color by 10%, you get **97E305**, and if you desaturate by 10%, it is **A7E333**.

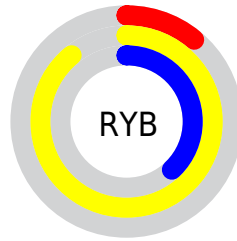
Distribution



Red (62%)

Green (89%)

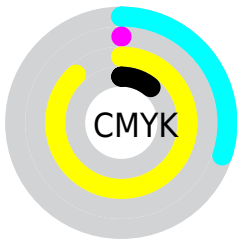
Blue (11%)



Red (11%)

Yellow (89%)

Blue (38%)

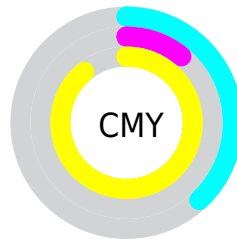


Cyan (30%)

Magenta (0%)

Yellow (88%)

Black (11%)



Cyan (38%)

Magenta (11%)

Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9FE31C 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 9FE31C by changing the saturation by 10% instead.

 9FE31C

 9FE31C

FFFFFF

 82C700

 DAFF61

 64AB00

 F9FF7F

 469000

 FFFF9C

 267600

 FFFFB9

 005D00

 FFFFD6

 004400

 FFFFF4

 002E00

 001300

 000000

 9FE31C

 9FE31C

 97E305

 A7E333

 95E300

 AFE349

 B6E360

 BEE377

 C6E38E

 CEE3A4

 D5E3BB

 DDE3D2

 E5E3E8

Harmonies

Analogous

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



F5CC00



9FE31C



00F076

Triad

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



9FE31C



00EDFF



FF74D0

Complementary

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



9FE31C



601CE3

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.



FF8EFF



9FE31C



00D9FF

Square

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



9FE31C



00F5FF



CEB7FF



FF847D

Rectangle

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



9FE31C



00F4B1



CEB7FF



FF78ED

Sweetspot

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



9FE31C



E8FFBD



E35E1C



728058



000000



808080

Same Dimension

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



9FE31C



A8FF00



3DE31C



6F7367



76B300



223300

Inverse Universe

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



601CE3



5700FF



C21CE3



6B6773



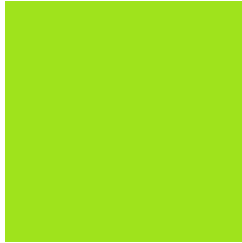
3D00B3



110033

Previews

White Background



This preview shows how the Hex color 9FE31C looks on a white background.

Color Contrast Check

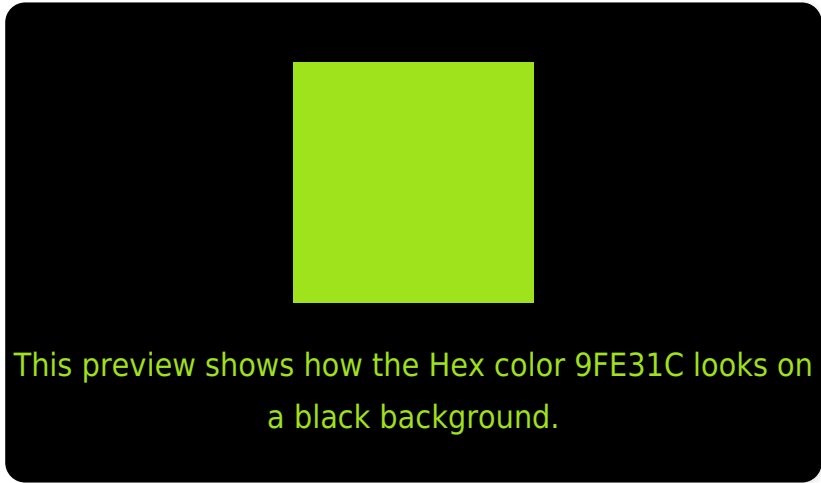
Large Text (above 18pt) WCAG AA × Fail

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 9FE31C Background



This preview shows how black text looks on a background with the Hex color 9FE31C.

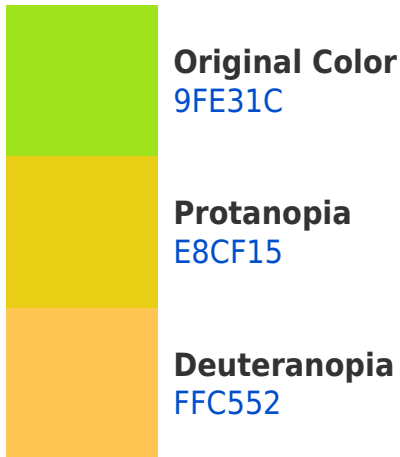


This preview shows how white text looks on a background with the Hex color 9FE31C.

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](#).

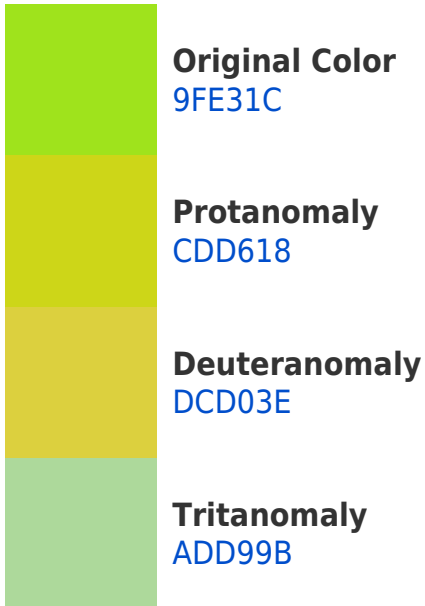
Dichromacy



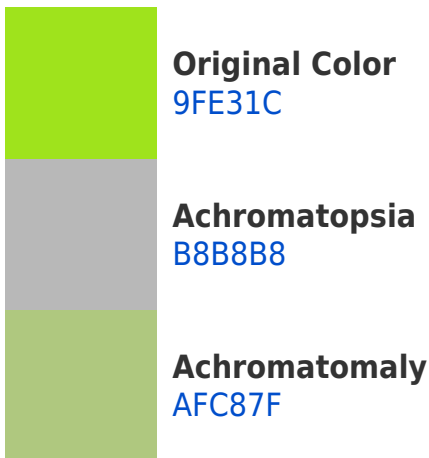


Tritanopia
B5D3E4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9FE31C 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 #9FE31C looks like.

```
.text, #text, p{  
    color:#9FE31C  
}
```

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 #9FE31C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9FE31C
}
```

Border

The CSS property to change the border of an element to Hex 9FE31C 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
#9FE31C }
```

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

```
.border{ border-color:#9FE31C }
```

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

Here you see how a box with a 4 pixel #9FE31C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9FE31C; -webkit-box-shadow:4px 4px  
4px 4px #9FE31C; box-shadow:4px 4px 4px  
4px #9FE31C }
```

Background

The CSS property to change the background color of an element to Hex 9FE31C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9FE31C }
```

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

```
.background{ background-color:#9FE31C }
```

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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