

Converting Colors

Hex(89A31F)

Have a look what the booklet for
Hex(89A31F) contains.

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Color

Hex(89A31F)

Conversions

Conversions Part 1

Format	Color
Hex	89A31F
RGB	137, 163, 31
RGB Percent	54%, 64%, 12%
CMY	0.4627, 0.3608, 0.8784
CMYK	0.16, 0.00, 0.81, 0.36
HSL	72°, 68%, 38%
HSV	72°, 81%, 64%
XYZ	23.6610, 31.6117, 6.1509
YIQ	140.1780, 26.8760, -46.5640

Conversions

Conversions Part 2

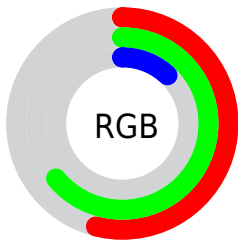
Format	Color
RYB	31, 163, 57
Decimal	9020191
CIELab	63.02, -26.07, 59.50
CIElCh	63, 64.963, 113.661
Yxy	31.6117, 0.3852, 0.5147
Android (android.graphics.Color)	4287210271 (0xFF89A31F)
YUV	140.1780, -53.8248, -2.7871
Hunter-Lab	56.2243, -23.2737, 32.8707

Details

The Hex color **89A31F** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **391FA3**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **C1DA58**, and **536F00** is the 20% darker color. If you saturate the color by 10%, you get **86A30F**, and if you desaturate by 10%, it is **8CA32F**.

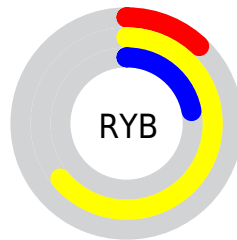
Distribution



Red (54%)

Green (64%)

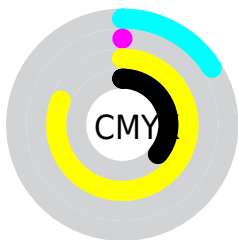
Blue (12%)



Red (12%)

Yellow (64%)

Blue (22%)

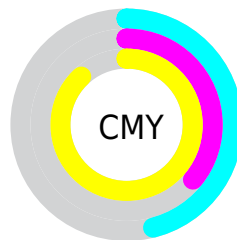


Cyan (16%)

Magenta (0%)

Yellow (81%)

Black (36%)



Cyan (46%)

Magenta (36%)

Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Hex color 89A31F 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 89A31F by changing the saturation by 10% instead.

 89A31F

 89A31F

FFFFFF

 6E8900

 C1DA58

 536F00

 DFF673

 395700

 FCFF8F

 1D3F00

 FFFFAB

 002900

 FFFFC7

 001200

 FFFFE4

 000000

 89A31F

 89A31F

 86A30F

 8CA32F

■ 83A300

■ 8FA340

■ 93A350

■ 96A360

■ 99A371

■ 9CA381

■ 9FA391

■ A3A3A1

■ A6A3B2

Harmonies

Analogous

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



C09113



89A31F



39AE50

Triad

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



89A31F



00AFF5



FA61A7

Complementary

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



89A31F



391FA3

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.



D274DE



89A31F



00A3FF

Square

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



89A31F



00B3C5



818EFF



FF646E

Rectangle

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



89A31F



00B276



818EFF



F166BA

Sweetspot

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



89A31F



CAD4A1



A3371F



656B4C



EBEBEB



6B6B6B

Same Dimension

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



89A31F



ABD406



49A31F



505249



759100



0E1200

Inverse Universe

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



391FA3



2F06D4



791FA3



4B4952



1D0091



040012

Previews

White Background



This preview shows how the Hex color 89A31F looks on a white background.

Color Contrast Check

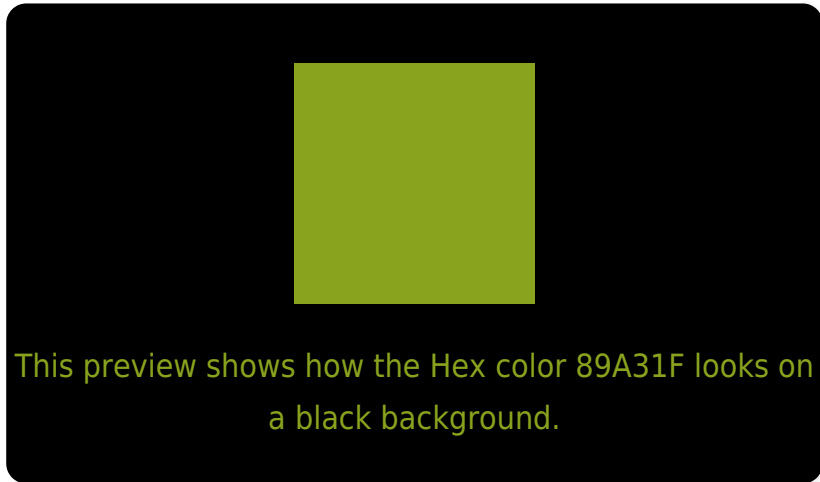
Large Text (above 18pt) WCAG AA × Fail

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 89A31F Background



This preview shows how black text looks on a background with the Hex color 89A31F.



This preview shows how white text looks on a background with the Hex color 89A31F.

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
89A31F

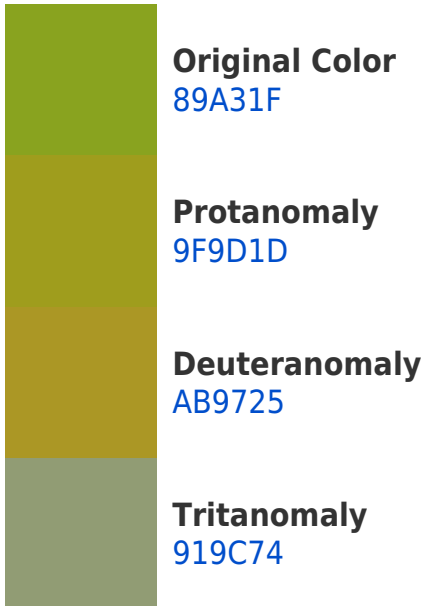
Protanopia
AB991C

Deuteranopia
BF9029



Tritanopia
9698A4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 89A31F 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 #89A31F looks like.

```
.text, #text, p{  
    color:#89A31F  
}
```

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 #89A31F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #89A31F
}
```

Border

The CSS property to change the border of an element to Hex 89A31F 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
#89A31F }
```

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

```
.border{ border-color:#89A31F }
```

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

Here you see how a box with a 4 pixel #89A31F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #89A31F; -webkit-box-shadow:4px 4px  
4px 4px #89A31F; box-shadow:4px 4px 4px  
4px #89A31F }
```

Background

The CSS property to change the background color of an element to Hex 89A31F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#89A31F }
```

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

```
.background{ background-color:#89A31F }
```

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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