

Converting Colors

Hex(89161F)

Have a look what the booklet for
Hex(89161F) contains.

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Color

Hex(89161F)

Conversions

Conversions Part 1

Format	Color
Hex	89161F
RGB	137, 22, 31
RGB Percent	54%, 9%, 12%
CMY	0.4627, 0.9137, 0.8784
CMYK	0.00, 0.84, 0.77, 0.46
HSL	355°, 72%, 31%
HSV	355°, 84%, 54%
XYZ	10.8508, 5.9911, 1.8808
YIQ	57.4110, 65.6510, 27.1790

Conversions

Conversions Part 2

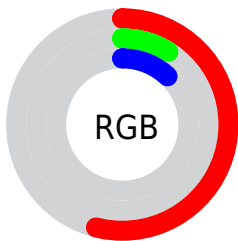
Format	Color
R_{YB}	137, 22, 31
Decimal	8984095
CIE _{Lab}	29.39, 46.91, 26.56
CIE _{LCh}	29, 53.905, 29.517
Yxy	5.9911, 0.5796, 0.3200
Android (android.graphics.Color)	4287174175 (0xFF89161F)
YUV	57.4110, -13.0206, 69.7996
Hunter-Lab	24.4768, 36.2963, 12.5778

Details

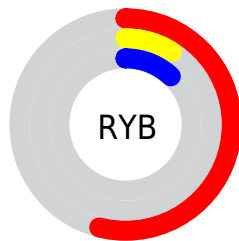
The Hex color **89161F** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **168980**, and the grayscale version is **393939**.

A 20% lighter version of the original color is **C54F4B**, and **4F0000** is the 20% darker color. If you saturate the color by 10%, you get **890812**, and if you desaturate by 10%, it is **89242C**.

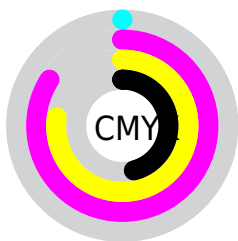
Distribution



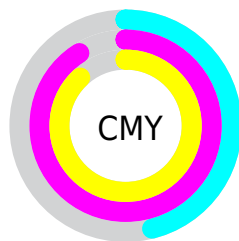
- Red (54%)
- Green (9%)
- Blue (12%)



- Red (54%)
- Yellow (9%)
- Blue (12%)



- Cyan (0%)
- Magenta (84%)
- Yellow (77%)
- Black (46%)



- Cyan (46%)
- Magenta (91%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Hex color 89161F 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 89161F by changing the saturation by 10% instead.

 89161F

 89161F

FFFFFF

 6C0009

 C54F4B

 4F0000

 E36963

 350002

 FF847C

 030000

 FFA096

 000000

 FFBCB1

 FFD8CC

 FFF5E8

 89161F

 89161F

■ 890812

■ 89242C

■ 89000B

■ 893138

■ 893F45

■ 894D52

■ 895B5E

■ 89686B

■ 897677

■ 898484

■ 899191

Harmonies

Analogous

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



8B0248



89161F



763100

Triad

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



89161F



005416



004B9A

Complementary

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



89161F



168980

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.



00548E



89161F



005643

Square

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



89161F



2D4E00



00576E



3C3A8F

Rectangle

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



89161F



623E00



00576E



004F98

Sweetspot

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



89161F



B38689



7F1689



593E41



D9D9D9



595959

Same Dimension

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



89161F



B3000E



894616



453E3F



85000A



050000

Inverse Universe

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



89161F



B3000E



165989



453E3F



85000A



050000

Previews

White Background



This preview shows how the Hex color 89161F looks on a white background.

Color Contrast Check

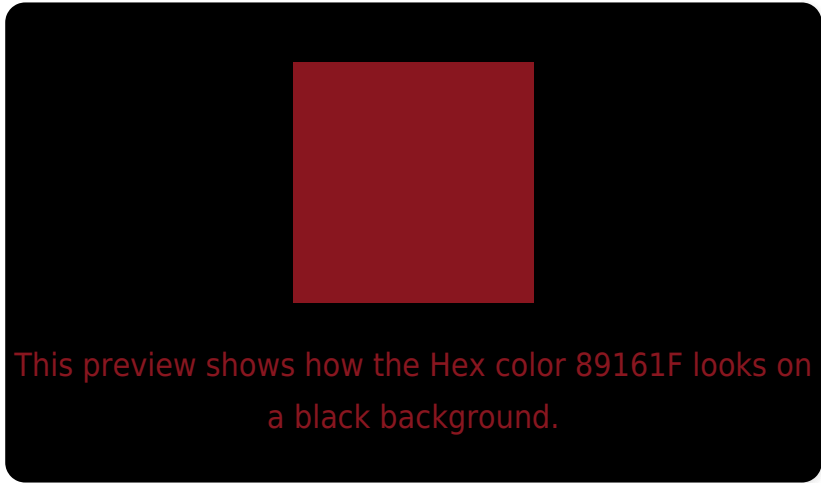
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 89161F Background



This preview shows how black text looks on a background with the Hex color 89161F.

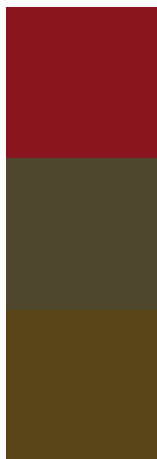


This preview shows how white text looks on a background with the Hex color 89161F.

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
89161F

Protanopia
4E472D

Deuteranopia
594417



Tritanopia
891817

Trichromacy



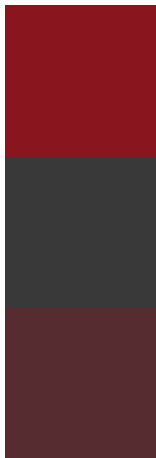
Original Color
89161F

Protanomaly
633528

Deuteranomaly
6A331A

Tritanomaly
89171A

Monochromacy



Original Color
89161F

Achromatopsia
393939

Achromatomaly
562C30

CSS Examples

Text

The CSS property to change the color of the text to Hex 89161F 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 #89161F looks like.

```
.text, #text, p{  
    color:#89161F  
}
```

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 #89161F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #89161F
}
```

Border

The CSS property to change the border of an element to Hex 89161F is called "border". The border property can be set on classes, ids or directly on the HTML element.

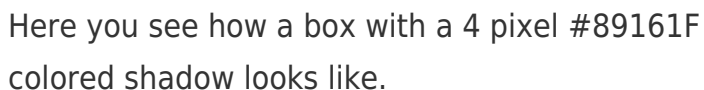
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#89161F }
```

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

```
.border{ border-color:#89161F }
```

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



Here you see how a box with a 4 pixel #89161F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #89161F; -webkit-box-shadow:4px 4px  
4px 4px #89161F; box-shadow:4px 4px 4px  
4px #89161F }
```

Background

The CSS property to change the background color of an element to Hex 89161F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#89161F }
```

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

```
.background{ background-color:#89161F }
```

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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