

# Converting Colors

Hex(5F291F)

Have a look what the booklet for  
Hex(5F291F) contains.

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# Color

**Hex(5F291F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5F291F
RGB	95, 41, 31
RGB Percent	37%, 16%, 12%
CMY	0.6275, 0.8392, 0.8784
CMYK	0.00, 0.57, 0.67, 0.63
HSL	9°, 51%, 25%
HSV	9°, 67%, 37%
XYZ	5.7596, 4.1177, 1.7876
YIQ	56.0060, 35.3940, 8.3380

# Conversions

## Conversions Part 2

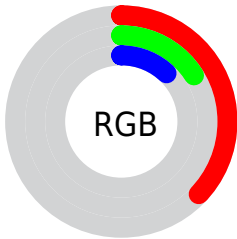
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	95, 43, 31
Decimal	6236447
CIE Lab	24.06, 23.73, 18.23
CIE LCh	24, 29.927, 37.534
Yxy	4.1177, 0.4938, 0.3530
Android (android.graphics.Color)	4284426527 (0xFF5F291F)
YUV	56.0060, -12.3280, 34.1977
Hunter-Lab	20.2921, 15.1530, 8.9816

# Details

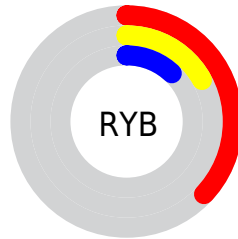
The Hex color **5F291F** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **1F555F**, and the grayscale version is **383838**.

A 20% lighter version of the original color is **95584B**, and **2D0000** is the 20% darker color. If you saturate the color by 10%, you get **5F2116**, and if you desaturate by 10%, it is **5F3129**.

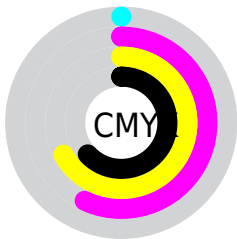
# Distribution



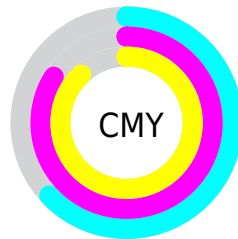
- Red (37%)
- Green (16%)
- Blue (12%)



- Red (37%)
- Yellow (17%)
- Blue (12%)



- Cyan (0%)
- Magenta (57%)
- Yellow (67%)
- Black (63%)



- Cyan (63%)
- Magenta (84%)
- Yellow (88%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5F291F 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 5F291F by changing the saturation by 10% instead.



 5F291F

 5F291F

FFFFFF

 451208

 95584B

 2D0000

 B17163

 000000

 CE8B7C

 EBA596

 FFC1B1

 FFDDCC

 FFF9E8

 5F291F

 5F291F

■ 5F2116

■ 5F3129

■ 5F190C

■ 5F3932

■ 5F1103

■ 5F413C

■ 5F0F00

■ 5F4945

■ 5F514F

■ 5F5958

■ 5F6162

■ 5F696B

■ 5F7175

# Harmonies

## Analogous

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



622434



5F291F



53320E

# Triad

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



5F291F



004327



143A66

# Complementary

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



5F291F



1F555F

# 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.



004063



5F291F



00443E

# Square

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



5F291F



284013



004354



42315D

# Rectangle

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



5F291F



473708



004354



003C66



# Sweetspot

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



5F291F



7A6662



5F1F55



3D312F



BDBDBD



3D3D3D



# Same Dimension

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



5F291F



7A2717



5F491F



302C2C



701200



F02500



# Inverse Universe

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



1F555F



176B7A



1F355F



2C3030



005F70



00CAF0



# Previews

## White Background



This preview shows how the Hex color 5F291F looks on a white background.

## Color Contrast Check

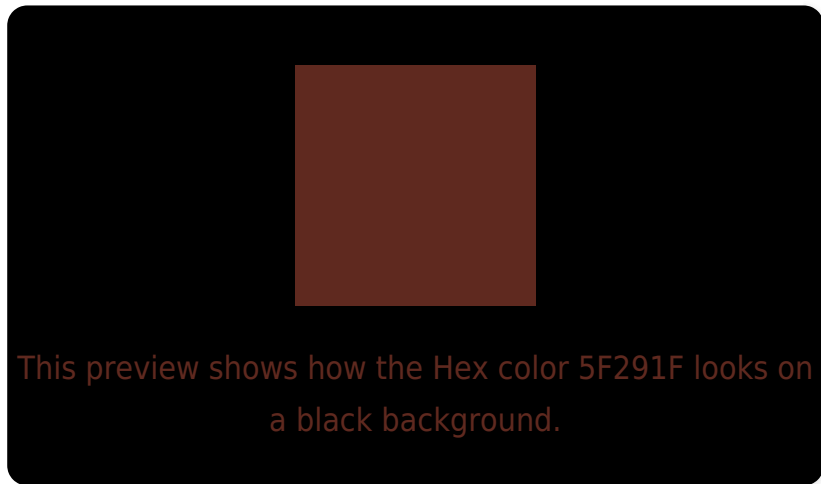
Large Text (above 18pt) WCAG AA ✓ Pass

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 5F291F Background



This preview shows how black text looks on a background with the Hex color 5F291F.

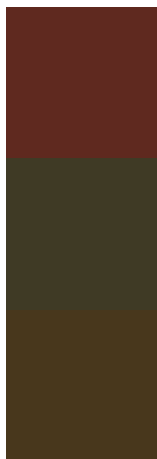


This preview shows how white text looks on a background with the Hex color 5F291F.

# 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**  
5F291F

**Protanopia**  
3F3A25

**Deuteranopia**  
48371C



**Tritanopia**  
60282A

# Trichromacy



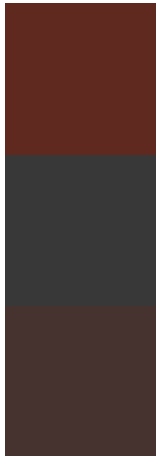
**Original Color**  
5F291F

**Protanomaly**  
4B3423

**Deuteranomaly**  
50321D

**Tritanomaly**  
602826

# Monochromacy



**Original Color**  
5F291F

**Achromatopsia**  
383838

**Achromatomaly**  
46332F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5F291F 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 #5F291F looks like.

```
.text, #text, p{  
    color:#5F291F  
}
```

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 #5F291F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F291F
}
```

## Border

The CSS property to change the border of an element to Hex 5F291F is called "border". The border property can be set on classes, ids or directly on the HTML element.

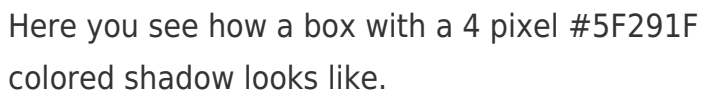
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5F291F }
```

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

```
.border{ border-color:#5F291F }
```

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



Here you see how a box with a 4 pixel #5F291F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F291F; -webkit-box-shadow:4px 4px  
4px 4px #5F291F; box-shadow:4px 4px 4px  
4px #5F291F }
```

# Background

The CSS property to change the background color of an element to Hex 5F291F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F291F }
```

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

```
.background{ background-color:#5F291F }
```

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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