

# Converting Colors

Hex(5F071F)

Have a look what the booklet for  
Hex(5F071F) contains.

<b>Hex(5F071F)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(5F071F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5F071F
RGB	95, 7, 31
RGB Percent	37%, 3%, 12%
CMY	0.6275, 0.9725, 0.8784
CMYK	0.00, 0.93, 0.67, 0.63
HSL	344°, 86%, 20%
HSV	344°, 93%, 37%
XYZ	5.0426, 2.6838, 1.5486
YIQ	36.0480, 44.7440, 26.1200

# Conversions

## Conversions Part 2

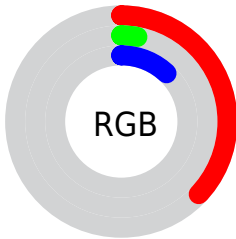
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	95, 7, 31
Decimal	6227743
CIE <sub>Lab</sub>	18.73, 38.18, 11.42
CIE <sub>LCh</sub>	19, 39.851, 16.657
Yxy	2.6838, 0.5437, 0.2894
Android (android.graphics.Color)	4284417823 (0xFF5F071F)
YUV	36.0480, -2.4887, 51.7009
Hunter-Lab	16.3823, 26.2751, 5.8631

# Details

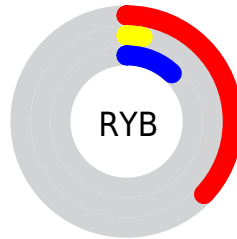
The Hex color **5F071F** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **075F47**, and the grayscale version is **242424**.

A 20% lighter version of the original color is **963E4A**, and **2D0001** is the 20% darker color. If you saturate the color by 10%, you get **5F001A**, and if you desaturate by 10%, it is **5F1026**.

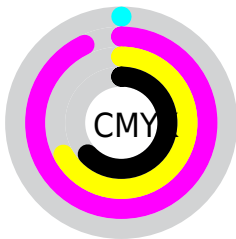
# Distribution



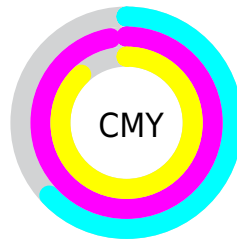
- Red (37%)
- Green (3%)
- Blue (12%)



- Red (37%)
- Yellow (3%)
- Blue (12%)



- Cyan (0%)
- Magenta (93%)
- Yellow (67%)
- Black (63%)



- Cyan (63%)
- Magenta (97%)
- Yellow (88%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5F071F 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 5F071F by changing the saturation by 10% instead.



 5F071F

 5F071F

 FFFCFF

 440007

 963E4A

 2D0001

 B35862

 000000

 D0717B

 EE8C95

 FFA7AF

 FFC3CB

 FFDFE7

 5F071F

 5F071F

■ 5F001A

■ 5F1026

■ 5F1A2D

■ 5F2334

■ 5F2D3B

■ 5F3742

■ 5F4048

■ 5F4A4F

■ 5F5356

■ 5F5D5D

# Harmonies

## Analogous

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



5A093C



5F071F



571900

# Triad

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



5F071F



013600



003566

# Complementary

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



5F071F



075F47

# 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.



003957



5F071F



00391F

# Square

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



5F071F



2B3100



003A3D



002C66

# Rectangle

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



5F071F



4B2300



003A3D



003763



# Sweetspot

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



5F071F



7A5861



46075F



3D282E



BDBDBD



3D3D3D



# Same Dimension

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



5F071F



7A0021



5F1A07



302C2D



70001F



F00041



# Inverse Universe

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



5F071F



7A0021



074C5F



302C2D



70001F

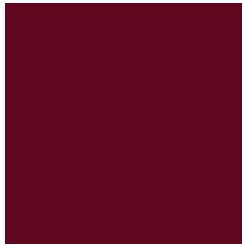


F00041



# Previews

## White Background



This preview shows how the Hex color 5F071F looks on a white background.

## Color Contrast Check

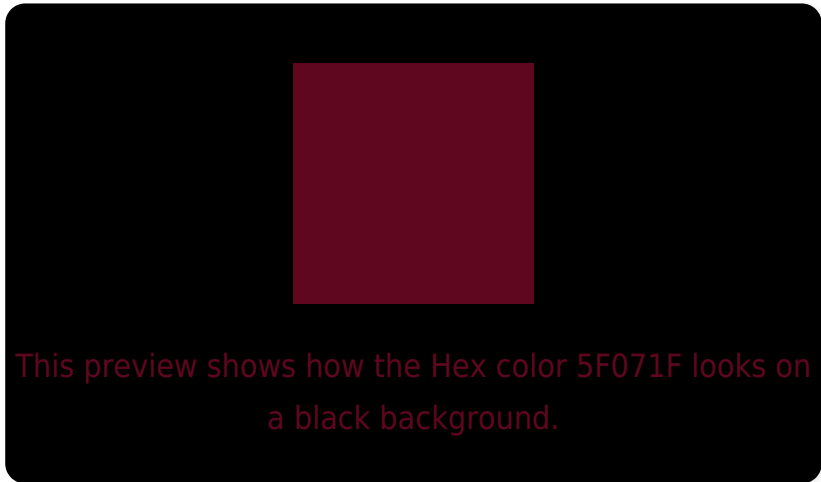
Large Text (above 18pt) WCAG AA ✓ Pass

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

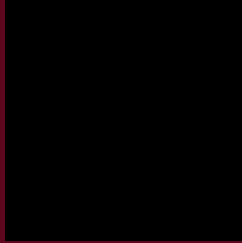
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 5F071F Background



This preview shows how black text looks on a background with the Hex color 5F071F.



This preview shows how white text looks on a background with the Hex color 5F071F.

# 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**  
5F071F

**Protanopia**  
32312D

**Deuteranopia**  
3C2E1B



# Trichromacy



**Original Color**  
5F071F

**Protanomaly**  
422228

**Deuteranomaly**  
49201C

**Tritanomaly**  
5E0B13

# Monochromacy



**Original Color**  
5F071F

**Achromatopsia**  
242424

**Achromatomaly**  
391922

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5F071F 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 #5F071F looks like.

```
.text, #text, p{  
    color:#5F071F  
}
```

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 #5F071F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F071F
}
```

## Border

The CSS property to change the border of an element to Hex 5F071F 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".

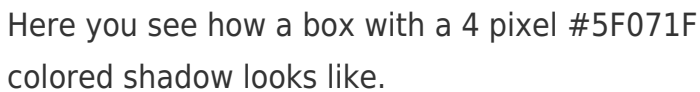
```
.border, #border, table{ border:4px solid
#5F071F }
```

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

```
.border{ border-color:#5F071F }
```

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

Here you see how a box with a 4 pixel #5F071F colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The shadow is cast to the right and bottom of the box, creating a 3D effect. The text inside the box is black and reads: "Here you see how a box with a 4 pixel #5F071F colored shadow looks like."

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F071F; -webkit-box-shadow:4px 4px  
4px 4px #5F071F; box-shadow:4px 4px 4px  
4px #5F071F }
```

# Background

The CSS property to change the background color of an element to Hex 5F071F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F071F }
```

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

```
.background{ background-color:#5F071F }
```

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](#).



# Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor