

Converting Colors

Hex(5A0C1F)

Have a look what the booklet for
Hex(5A0C1F) contains.

Hex(5A0C1F)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(5A0C1F)

Conversions

Conversions Part 1

Format	Color
Hex	5A0C1F
RGB	90, 12, 31
RGB Percent	35%, 5%, 12%
CMY	0.6471, 0.9529, 0.8784
CMYK	0.00, 0.87, 0.66, 0.65
HSL	345°, 76%, 20%
HSV	345°, 87%, 35%
XYZ	4.5952, 2.5355, 1.5435
YIQ	37.4880, 40.3890, 22.4450

Conversions

Conversions Part 2

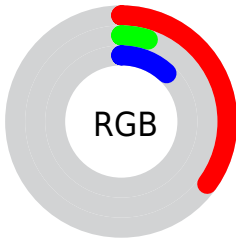
Format	Color
RYB	90, 12, 31
Decimal	5901343
CIE Lab	18.08, 35.26, 10.35
CIE LCh	18, 36.747, 16.362
Yxy	2.5355, 0.5298, 0.2923
Android (android.graphics.Color)	4284091423 (0xFF5A0C1F)
YUV	37.4880, -3.1986, 46.0530
Hunter-Lab	15.9234, 23.6466, 5.3991

Details

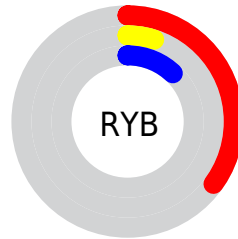
The Hex color **5A0C1F** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **0C5A47**, and the grayscale version is **252525**.

A 20% lighter version of the original color is **91404B**, and **280001** is the 20% darker color. If you saturate the color by 10%, you get **5A0318**, and if you desaturate by 10%, it is **5A1526**.

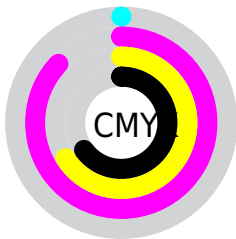
Distribution



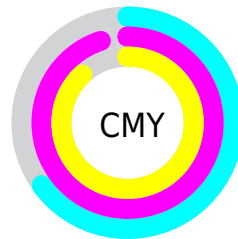
- Red (35%)
- Green (5%)
- Blue (12%)



- Red (35%)
- Yellow (5%)
- Blue (12%)



- Cyan (0%)
- Magenta (87%)
- Yellow (66%)
- Black (65%)



- Cyan (65%)
- Magenta (95%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5A0C1F 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 5A0C1F by changing the saturation by 10% instead.

 5A0C1F

 5A0C1F

 FFFDFF

 400006

 91404B

 280001

 AD5962

 000000

 CA727B

 E78D95

 FFA8AF

 FFC3CB

 FFE0E7

 5A0C1F

 5A0C1F

■ 5A0318

■ 5A1526

■ 5A0016

■ 5A1E2D

■ 5A2733

■ 5A303A

■ 5A3941

■ 5A4248

■ 5A4B4F

■ 5A5455

■ 5A5D5C

Harmonies

Analogous

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



550E39



5A0C1F



521A01

Triad

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



5A0C1F



063400



003360

Complementary

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



5A0C1F



0C5A47

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.



003752



5A0C1F



00371F

Square

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



5A0C1F



2B2F00



00383A



012A60

Rectangle

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



5A0C1F



482300



00383A



00355D

Sweetspot

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



5A0C1F



75575E



470C5A



3B282D



BABABA



3B3B3B

Same Dimension

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



5A0C1F



75001D



5A200C



2E292A



6E001B



ED003A

Inverse Universe

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



5A0C1F



75001D



0C475A



2E292A



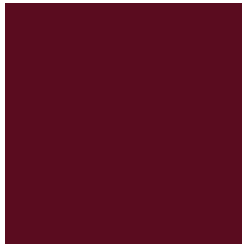
6E001B



ED003A

Previews

White Background



This preview shows how the Hex color 5A0C1F looks on a white background.

Color Contrast Check

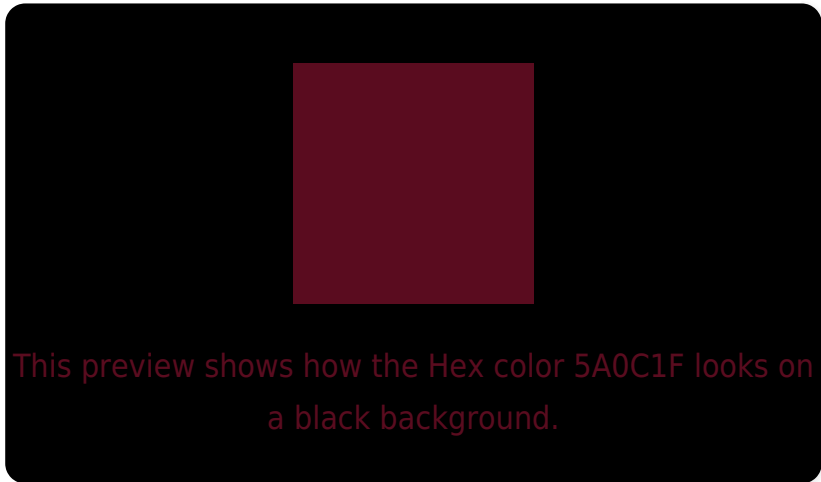
Large Text (above 18pt) WCAG AA ✓ Pass

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

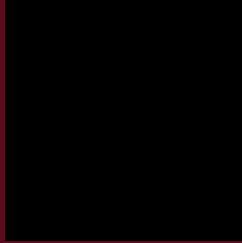
Any Text WCAG AA × Fail

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 5A0C1F Background



This preview shows how black text looks on a background with the Hex color 5A0C1F.



This preview shows how white text looks on a background with the Hex color 5A0C1F.

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
5A0C1F

Protanopia
302F2C

Deuteranopia
392D1B



Tritanopia
5A1010

Trichromacy



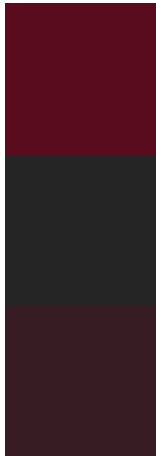
Original Color
5A0C1F

Protanomaly
3F2227

Deuteranomaly
45211C

Tritanomaly
5A0F15

Monochromacy



Original Color
5A0C1F

Achromatopsia
252525

Achromatomaly
381C23

CSS Examples

Text

The CSS property to change the color of the text to Hex 5A0C1F 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 #5A0C1F looks like.

```
.text, #text, p{  
    color:#5A0C1F  
}
```

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 #5A0C1F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A0C1F
}
```

Border

The CSS property to change the border of an element to Hex 5A0C1F is called "border". The border property can be set on classes, ids or directly on the HTML element.

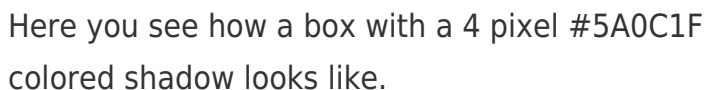
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5A0C1F }
```

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

```
.border{ border-color:#5A0C1F }
```

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



Here you see how a box with a 4 pixel #5A0C1F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A0C1F; -webkit-box-shadow:4px 4px  
4px 4px #5A0C1F; box-shadow:4px 4px 4px  
4px #5A0C1F }
```

Background

The CSS property to change the background color of an element to Hex 5A0C1F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A0C1F }
```

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

```
.background{ background-color:#5A0C1F }
```

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