

Converting Colors

Hex(5E1F1F)

Have a look what the booklet for
Hex(5E1F1F) contains.

Hex(5E1F1F)	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(5E1F1F)

Conversions

Conversions Part 1

Format	Color
Hex	5E1F1F
RGB	94, 31, 31
RGB Percent	37%, 12%, 12%
CMY	0.6314, 0.8784, 0.8784
CMYK	0.00, 0.67, 0.67, 0.63
HSL	0°, 50%, 25%
HSV	0°, 67%, 37%
XYZ	5.3534, 3.4586, 1.6817
YIQ	49.8370, 37.5480, 13.3560

Conversions

Conversions Part 2

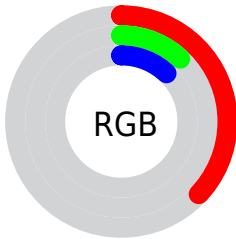
Format	Color
RYB	94, 31, 31
Decimal	6168351
CIELab	21.79, 28.76, 15.35
CIELCh	22, 32.598, 28.101
Yxy	3.4586, 0.5102, 0.3296
Android (android.graphics.Color)	4284358431 (0xFF5E1F1F)
YUV	49.8370, -9.2866, 38.7310
Hunter-Lab	18.5973, 18.8377, 7.6565

Details

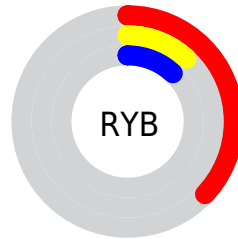
The Hex color **5E1F1F** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **1F5E5E**, and the grayscale version is **323232**.

A 20% lighter version of the original color is **944F4B**, and **2D0000** is the 20% darker color. If you saturate the color by 10%, you get **5E1616**, and if you desaturate by 10%, it is **5E2828**.

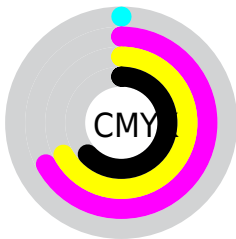
Distribution



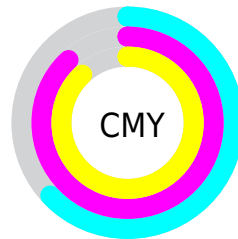
- Red (37%)
- Green (12%)
- Blue (12%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the Hex color 5E1F1F 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 5E1F1F by changing the saturation by 10% instead.

 5E1F1F

 5E1F1F

FFFFFF

 440607

 944F4B

 2D0000

 B16763

 000000

 CD817C

 EA9B95

 FFB7B0

 FFD3CB

 FFEFE8

 5E1F1F

 5E1F1F

■ 5E1616

■ 5E2828

■ 5E0C0C

■ 5E3232

■ 5E0303

■ 5E3B3B

■ 5E0000

■ 5E4545

■ 5E4E4E

■ 5E5757

■ 5E6161

■ 5E6A6A

■ 5E7474

Harmonies

Analogous

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



5E1C37



5E1F1F



532909

Triad

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



5E1F1F



013D19



003865

Complementary

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



5E1F1F



1F5E5E

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.



003D5D



5E1F1F



003F32

Square

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



5E1F1F



2A3903



003F4A



312E5F

Rectangle

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



5E1F1F



483000



003F4A



003A63

Sweetspot

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



5E1F1F



7A6262



5E1F5E



3D2F2F



BDBDBD



3D3D3D

Same Dimension

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



5E1F1F



7A1818



5E3F1F



2E2929



6E0000



ED0000

Inverse Universe

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



1F5E5E



187A7A



1F3F5E



292E2E



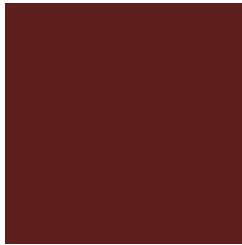
006E6E



00EDED

Previews

White Background



This preview shows how the Hex color 5E1F1F looks on a white background.

Color Contrast Check

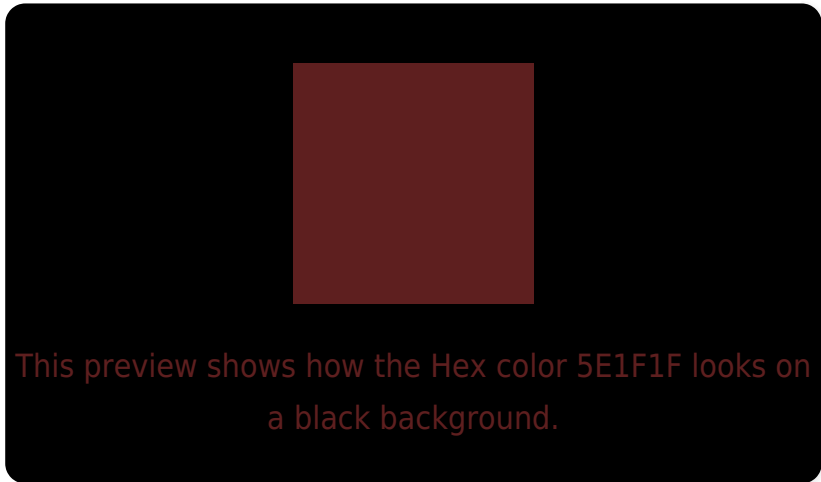
Large Text (above 18pt) WCAG AA ✓ Pass

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 5E1F1F Background



This preview shows how black text looks on a background with the Hex color 5E1F1F.

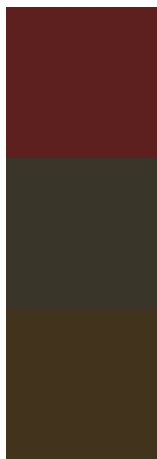


This preview shows how white text looks on a background with the Hex color 5E1F1F.

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
5E1F1F

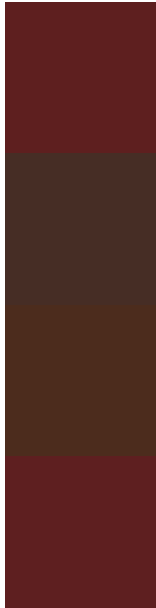
Protanopia
393528

Deuteranopia
42331C



Tritanopia
5E1F20

Trichromacy



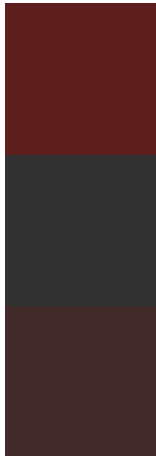
Original Color
5E1F1F

Protanomaly
462D25

Deuteranomaly
4C2C1D

Tritanomaly
5E1F20

Monochromacy



Original Color
5E1F1F

Achromatopsia
323232

Achromatomaly
422B2B

CSS Examples

Text

The CSS property to change the color of the text to Hex 5E1F1F 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 #5E1F1F looks like.

```
.text, #text, p{  
    color:#5E1F1F  
}
```

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 #5E1F1F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5E1F1F }  
}
```

Border

The CSS property to change the border of an element to Hex 5E1F1F 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".

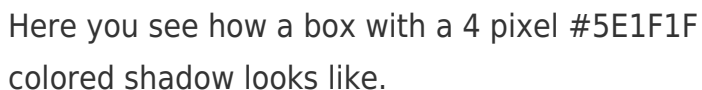
```
.border, #border, table{ border:4px solid #5E1F1F }  
}
```

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

```
.border{ border-color:#5E1F1F }
```

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

Here you see how a box with a 4 pixel #5E1F1F colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The shadow is visible on the right and bottom edges of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5E1F1F; -webkit-box-shadow:4px 4px  
4px 4px #5E1F1F; box-shadow:4px 4px 4px  
4px #5E1F1F }
```

Background

The CSS property to change the background color of an element to Hex 5E1F1F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5E1F1F }
```

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

```
.background{ background-color:#5E1F1F }
```

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