

Converting Colors

Hex(5E271F)

Have a look what the booklet for
Hex(5E271F) contains.

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Color

Hex(5E271F)

Conversions

Conversions Part 1

Format	Color
Hex	5E271F
RGB	94, 39, 31
RGB Percent	37%, 15%, 12%
CMY	0.6314, 0.8471, 0.8784
CMYK	0.00, 0.59, 0.67, 0.63
HSL	8°, 50%, 25%
HSV	8°, 67%, 37%
XYZ	5.5889, 3.9297, 1.7603
YIQ	54.5330, 35.3480, 9.1720

Conversions

Conversions Part 2

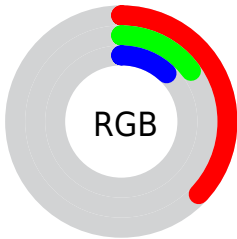
Format	Color
RYB	94, 40, 31
Decimal	6170399
CIELab	23.44, 24.44, 17.42
CIELCh	23, 30.018, 35.485
Yxy	3.9297, 0.4955, 0.3484
Android (android.graphics.Color)	4284360479 (0xFF5E271F)
YUV	54.5330, -11.6018, 34.6126
Hunter-Lab	19.8233, 15.6349, 8.6116

Details

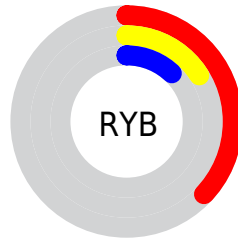
The Hex color **5E271F** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **1F565E**, and the grayscale version is **373737**.

A 20% lighter version of the original color is **94564B**, and **2C0000** is the 20% darker color. If you saturate the color by 10%, you get **5E1F16**, and if you desaturate by 10%, it is **5E2F28**.

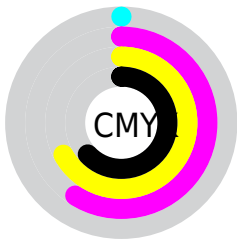
Distribution



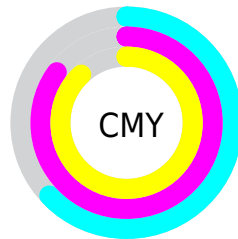
- Red (37%)
- Green (15%)
- Blue (12%)



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



- Cyan (0%)
- Magenta (59%)
- Yellow (67%)
- Black (63%)



- Cyan (63%)
- Magenta (85%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5E271F 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 5E271F by changing the saturation by 10% instead.



5E271F



5E271F

FFFFFF



441008



94564B



2C0000



B06F63



000000



CC897C



EAA396



FFBEB0



FFDACC



FFF7E8



5E271F



5E271F

■ 5E1F16

■ 5E2F28

■ 5E170C

■ 5E3732

■ 5E0E03

■ 5E403B

■ 5E0C00

■ 5E4845

■ 5E504E

■ 5E5857

■ 5E6061

■ 5E696A

■ 5E7174

Harmonies

Analogous

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



602335



5E271F



52300E

Triad

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



5E271F



004124



0B3965

Complementary

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



5E271F



1F565E

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.



003F60



5E271F



00433B

Square

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



5E271F



283E10



004251



3E305D

Rectangle

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



5E271F



463606



004251



003B65

Sweetspot

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



5E271F



7A6562



5E1F57



3D302F



BDBDBD



3D3D3D

Same Dimension

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



5E271F



7A2518



5E461F



2E2A29



6E0E00



ED1E00

Inverse Universe

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



1F565E



186E7A



1F375E



292D2E



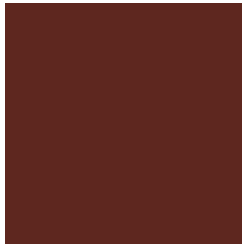
00606E



00CFED

Previews

White Background



This preview shows how the Hex color 5E271F 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

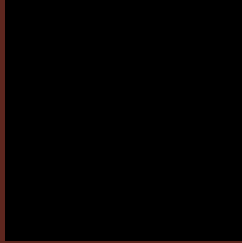
Any Text WCAG AA × Fail

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 5E271F Background



This preview shows how black text looks on a background with the Hex color 5E271F.

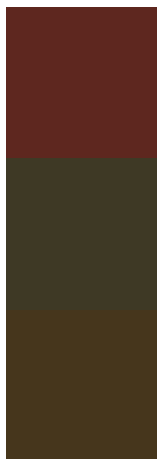


This preview shows how white text looks on a background with the Hex color 5E271F.

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
5E271F

Protanopia
3E3925

Deuteranopia
46361C



Tritanopia
5E2628

Trichromacy



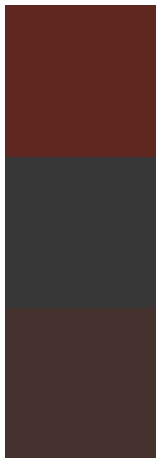
Original Color
5E271F

Protanomaly
4A3223

Deuteranomaly
4F311D

Tritanomaly
5E2625

Monochromacy



Original Color
5E271F

Achromatopsia
373737

Achromatomaly
45312E

CSS Examples

Text

The CSS property to change the color of the text to Hex 5E271F 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 #5E271F looks like.

```
.text, #text, p{  
    color:#5E271F  
}
```

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 #5E271F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5E271F
}
```

Border

The CSS property to change the border of an element to Hex 5E271F 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".

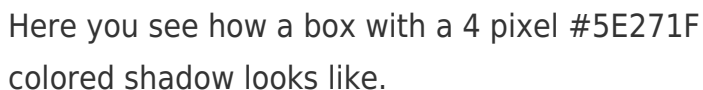
```
.border, #border, table{ border:4px solid
#5E271F }
```

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

```
.border{ border-color:#5E271F }
```

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

Here you see how a box with a 4 pixel #5E271F 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 #5E271F colored shadow looks like."

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5E271F; -webkit-box-shadow:4px 4px  
4px 4px #5E271F; box-shadow:4px 4px 4px  
4px #5E271F }
```

Background

The CSS property to change the background color of an element to Hex 5E271F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5E271F }
```

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

```
.background{ background-color:#5E271F }
```

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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