

# Converting Colors

Hex(5F161E)

Have a look what the booklet for  
Hex(5F161E) contains.

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# Color

**Hex(5F161E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5F161E
RGB	95, 22, 30
RGB Percent	37%, 9%, 12%
CMY	0.6275, 0.9137, 0.8824
CMYK	0.00, 0.77, 0.68, 0.63
HSL	353°, 62%, 23%
HSV	353°, 77%, 37%
XYZ	5.2406, 3.1005, 1.5505
YIQ	44.7390, 40.9400, 17.9640

# Conversions

## Conversions Part 2

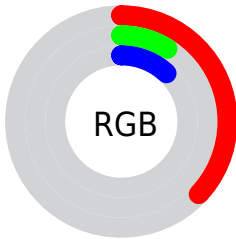
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	95, 22, 30
Decimal	6231582
CIE Lab	20.44, 33.23, 14.35
CIE LCh	20, 36.196, 23.363
Yxy	3.1005, 0.5298, 0.3134
Android (android.graphics.Color)	4284421662 (0xFF5F161E)
YUV	44.7390, -7.2663, 44.0789
Hunter-Lab	17.6081, 22.3114, 7.1047

# Details

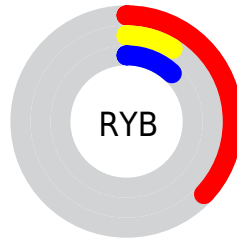
The Hex color **5F161E** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **165F57**, and the grayscale version is **2D2D2D**.

A 20% lighter version of the original color is **96474A**, and **2E0001** is the 20% darker color. If you saturate the color by 10%, you get **5F0D16**, and if you desaturate by 10%, it is **5F2026**.

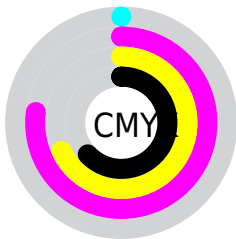
# Distribution



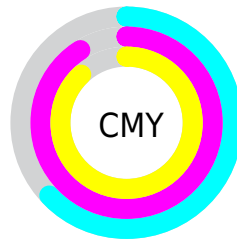
- Red (37%)
- Green (9%)
- Blue (12%)



- Red (37%)
- Yellow (9%)
- Blue (12%)



- Cyan (0%)
- Magenta (77%)
- Yellow (68%)
- Black (63%)



- Cyan (63%)
- Magenta (91%)
- Yellow (88%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5F161E 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 5F161E by changing the saturation by 10% instead.



■ 5F161E

■ 5F161E

FFFFFF

■ 450005

■ 96474A

■ 2E0001

■ B26061

■ 000000

■ CF7A7A

■ ED9494

■ FFAFAE

■ FFCBCA

■ FFE8E6

■ 5F161E

■ 5F161E

■ 5F0D16

■ 5F2026

■ 5F030D

■ 5F292F

■ 5F000A

■ 5F3337

■ 5F3C40

■ 5F4648

■ 5F4F51

■ 5F5959

■ 5F6262

■ 5F6C6A

# Harmonies

## Analogous

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



5D1438



5F161E



552202

# Triad

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



5F161E



003B0F



003666

# Complementary

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



5F161E



165F57

# 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.



003B5C



5F161E



003D2A

# Square

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



5F161E



2A3600



003D46



222D62

# Rectangle

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



5F161E



4A2A00



003D46



003864



# Sweetspot

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



5F161E



7A5E61



56165F



3D2C2E



BDBDBD



3D3D3D



# Same Dimension

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



5F161E



7A0A16



5F3216



302C2C



70000C



F0001A



# Inverse Universe

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



5F161E



7A0A16



16435F



302C2C



70000C

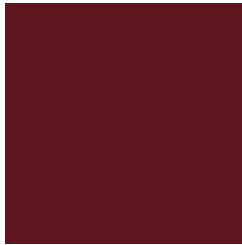


F0001A



# Previews

## White Background



This preview shows how the Hex color 5F161E 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 5F161E Background



This preview shows how black text looks on a background with the Hex color 5F161E.



This preview shows how white text looks on a background with the Hex color 5F161E.

# 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**  
5F161E

**Protanopia**  
363329

**Deuteranopia**  
3F311A



**Tritanopia**  
5F1718

# Trichromacy



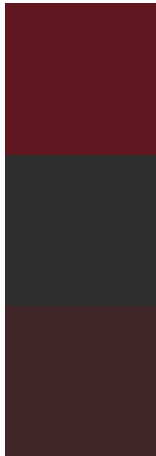
**Original Color**  
5F161E

**Protanomaly**  
452825

**Deuteranomaly**  
4B271B

**Tritanomaly**  
5F171A

# Monochromacy



**Original Color**  
5F161E

**Achromatopsia**  
2D2D2D

**Achromatomaly**  
3F2528

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5F161E 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 #5F161E looks like.

```
.text, #text, p{  
    color:#5F161E  
}
```

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 #5F161E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F161E
}
```

## Border

The CSS property to change the border of an element to Hex 5F161E is called "border". The border property can be set on classes, ids or directly on the HTML element.

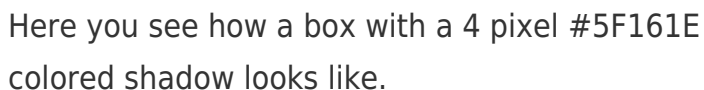
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5F161E }
```

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

```
.border{ border-color:#5F161E }
```

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



Here you see how a box with a 4 pixel #5F161E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F161E; -webkit-box-shadow:4px 4px  
4px 4px #5F161E; box-shadow:4px 4px 4px  
4px #5F161E }
```

# Background

The CSS property to change the background color of an element to Hex 5F161E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F161E }
```

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

```
.background{ background-color:#5F161E }
```

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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