

Converting Colors

Hex(5D221F)

Have a look what the booklet for
Hex(5D221F) contains.

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Color

Hex(5D221F)

Conversions

Conversions Part 1

Format	Color
Hex	5D221F
RGB	93, 34, 31
RGB Percent	36%, 13%, 12%
CMY	0.6353, 0.8667, 0.8784
CMYK	0.00, 0.63, 0.67, 0.64
HSL	3°, 50%, 24%
HSV	3°, 67%, 36%
XYZ	5.3336, 3.5701, 1.7043
YIQ	51.2990, 36.1270, 11.5750

Conversions

Conversions Part 2

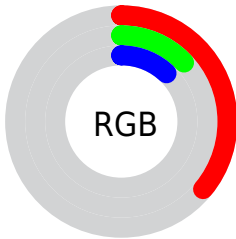
Format	Color
RYB	93, 34, 31
Decimal	6103583
CIELab	22.20, 26.79, 15.83
CIELCh	22, 31.111, 30.576
Yxy	3.5701, 0.5028, 0.3366
Android (android.graphics.Color)	4284293663 (0xFF5D221F)
YUV	51.2990, -10.0074, 36.5718
Hunter-Lab	18.8948, 17.3203, 7.8784

Details

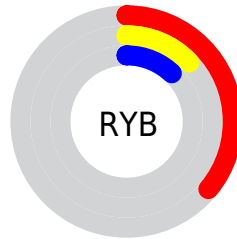
The Hex color **5D221F** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **1F5A5D**, and the grayscale version is **333333**.

A 20% lighter version of the original color is **93514B**, and **2C0000** is the 20% darker color. If you saturate the color by 10%, you get **5D1916**, and if you desaturate by 10%, it is **5D2B28**.

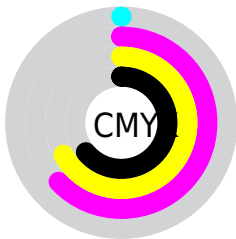
Distribution



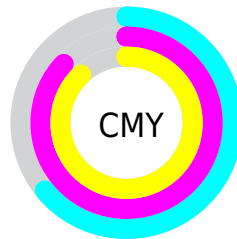
- Red (36%)
- Green (13%)
- Blue (12%)



- Red (36%)
- Yellow (13%)
- Blue (12%)



- Cyan (0%)
- Magenta (63%)
- Yellow (67%)
- Black (64%)



- Cyan (64%)
- Magenta (87%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5D221F 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 5D221F by changing the saturation by 10% instead.

 5D221F

 5D221F

FFFFFF

 430A08

 93514B

 2C0000

 AF6A63

 000000

 CC847C

 E99E95

 FFB9B0

 FFD5CC

 FFF2E8

 5D221F

 5D221F

■ 5D1916

■ 5D2B28

■ 5D100C

■ 5D3432

■ 5D0703

■ 5D3D3B

■ 5D0400

■ 5D4544

■ 5D4E4E

■ 5D5757

■ 5D6060

■ 5D6969

■ 5D7273

Harmonies

Analogous

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



5E1E36



5D221F



522B0B

Triad

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



5D221F



023E1D



003863

Complementary

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



5D221F



1F5A5D

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



5D221F



004035

Square

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



5D221F



293B09



00404C



352F5D

Rectangle

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



5D221F



473101



00404C



003A63

Sweetspot

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



5D221F



786160



5D1F5B



3D2F2F



BDBDBD



3D3D3D

Same Dimension

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



5D221F



781D18



5D401F



2E2A29



6E0500



ED0B00

Inverse Universe

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



1F5A5D



187378



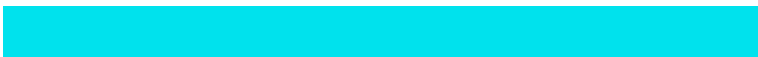
1F3C5D



292E2E



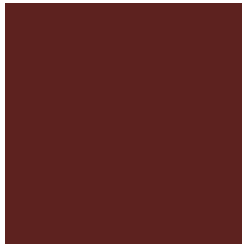
00686E



00E2ED

Previews

White Background



This preview shows how the Hex color 5D221F 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

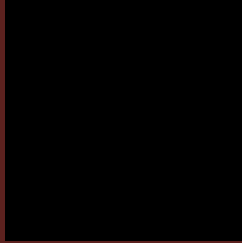
Any Text WCAG AA × Fail

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 5D221F Background



This preview shows how black text looks on a background with the Hex color 5D221F.

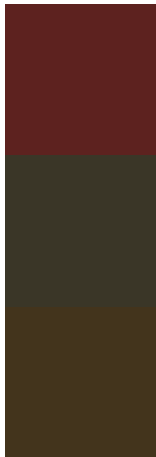


This preview shows how white text looks on a background with the Hex color 5D221F.

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
5D221F

Protanopia
3A3627

Deuteranopia
43341C

Trichromacy



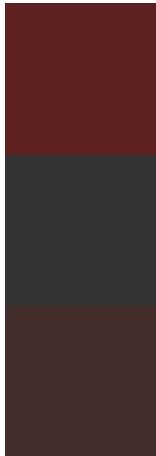
Original Color
5D221F

Protanomaly
472F24

Deuteranomaly
4C2D1D

Tritanomaly
5D2122

Monochromacy



Original Color
5D221F

Achromatopsia
333333

Achromatomaly
422D2C

CSS Examples

Text

The CSS property to change the color of the text to Hex 5D221F 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 #5D221F looks like.

```
.text, #text, p{  
    color:#5D221F  
}
```

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 #5D221F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D221F
}
```

Border

The CSS property to change the border of an element to Hex 5D221F is called "border". The border property can be set on classes, ids or directly on the HTML element.

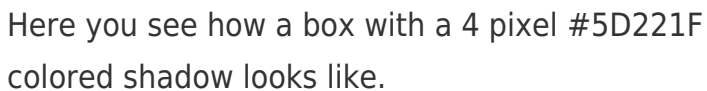
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5D221F }
```

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

```
.border{ border-color:#5D221F }
```

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



Here you see how a box with a 4 pixel #5D221F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D221F; -webkit-box-shadow:4px 4px  
4px 4px #5D221F; box-shadow:4px 4px 4px  
4px #5D221F }
```

Background

The CSS property to change the background color of an element to Hex 5D221F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D221F }
```

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

```
.background{ background-color:#5D221F }
```

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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