

Converting Colors

Hex(5F2317)

Have a look what the booklet for
Hex(5F2317) contains.

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Color

Hex(5F2317)

Conversions

Conversions Part 1

Format	Color
Hex	5F2317
RGB	95, 35, 23
RGB Percent	37%, 14%, 9%
CMY	0.6275, 0.8627, 0.9098
CMYK	0.00, 0.63, 0.76, 0.63
HSL	10°, 61%, 23%
HSV	10°, 76%, 37%
XYZ	5.4750, 3.6968, 1.2356
YIQ	51.5720, 39.6120, 8.9880

Conversions

Conversions Part 2

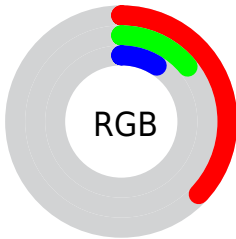
Format	Color
RYB	95, 37, 23
Decimal	6234903
CIELab	22.64, 26.54, 21.68
CIELCh	23, 34.269, 39.249
Yxy	3.6968, 0.5261, 0.3552
Android (android.graphics.Color)	4284424983 (0xFF5F2317)
YUV	51.5720, -14.0860, 38.0864
Hunter-Lab	19.2271, 17.1811, 9.6488

Details

The Hex color **5F2317** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **17535F**, and the grayscale version is **343434**.

A 20% lighter version of the original color is **965242**, and **2C0000** is the 20% darker color. If you saturate the color by 10%, you get **5F1B0D**, and if you desaturate by 10%, it is **5F2B21**.

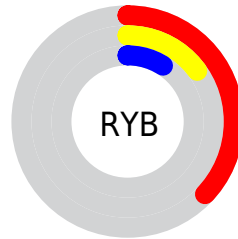
Distribution



Red (37%)

Green (14%)

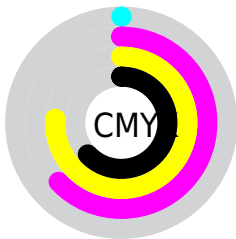
Blue (9%)



Red (37%)

Yellow (15%)

Blue (9%)

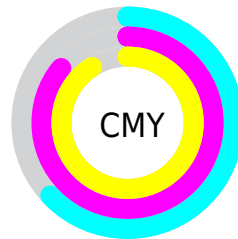


Cyan (0%)

Magenta (63%)

Yellow (76%)

Black (63%)



Cyan (63%)

Magenta (86%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5F2317 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 5F2317 by changing the saturation by 10% instead.

 5F2317

 5F2317

 FFFFFA

 450B00

 965242

 2C0000

 B26B5A

 000000

 CF8572

 EC9F8C

 FFBA06

 FFD6C2

 FFF3DE

 5F2317

 5F2317

■ 5F1B0D

■ 5F2B21

■ 5F1304

■ 5F332A

■ 5F1000

■ 5F3B33

■ 5F433D

■ 5F4B46

■ 5F5250

■ 5F5A5A

■ 5F6263

■ 5F6A6D

Harmonies

Analogous

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



631C2F



5F2317



512E00

Triad

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



5F2317



004123



003669

Complementary

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



5F2317



17535F

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.



003E66



5F2317



00423E

Square

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



5F2317



1F3D0A



004156



412C5E

Rectangle

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



5F2317



433500



004156



003969

Sweetspot

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



5F2317



7A635E



5F1753



3D2F2C



BDBDBD



3D3D3D

Same Dimension

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



5F2317



7A1E0B



5F4717



302C2C



701300



F02800

Inverse Universe

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



17535F



0B687A



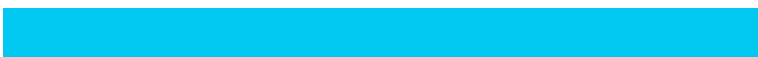
172F5F



2C3030



005D70



00C8F0

Previews

White Background



This preview shows how the Hex color 5F2317 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 5F2317 Background



This preview shows how black text looks on a background with the Hex color 5F2317.

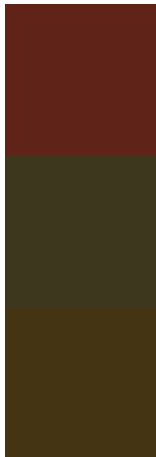


This preview shows how white text looks on a background with the Hex color 5F2317.

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
5F2317

Protanopia
3D371D

Deuteranopia
453413

Trichromacy



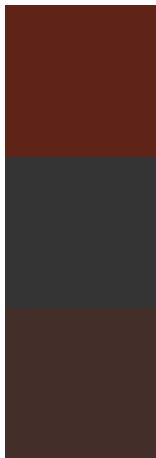
Original Color
5F2317

Protanomaly
49301B

Deuteranomaly
4E2E14

Tritanomaly
5F221F

Monochromacy



Original Color
5F2317

Achromatopsia
343434

Achromatomaly
442E29

CSS Examples

Text

The CSS property to change the color of the text to Hex 5F2317 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 #5F2317 looks like.

```
.text, #text, p{  
    color:#5F2317  
}
```

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 #5F2317 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F2317
}
```

Border

The CSS property to change the border of an element to Hex 5F2317 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
#5F2317 }
```

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

```
.border{ border-color:#5F2317 }
```

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

Here you see how a box with a 4 pixel #5F2317 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F2317; -webkit-box-shadow:4px 4px  
4px 4px #5F2317; box-shadow:4px 4px 4px  
4px #5F2317 }
```

Background

The CSS property to change the background color of an element to Hex 5F2317 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F2317 }
```

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

```
.background{ background-color:#5F2317 }
```

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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