

Converting Colors

Hex(5F1313)

Have a look what the booklet for
Hex(5F1313) contains.

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Color

Hex(5F1313)

Conversions

Conversions Part 1

Format	Color
Hex	5F1313
RGB	95, 19, 19
RGB Percent	37%, 7%, 7%
CMY	0.6275, 0.9255, 0.9255
CMYK	0.00, 0.80, 0.80, 0.63
HSL	0°, 67%, 22%
HSV	0°, 80%, 37%
XYZ	5.0697, 2.9457, 0.9175
YIQ	41.7240, 45.2960, 16.1120

Conversions

Conversions Part 2

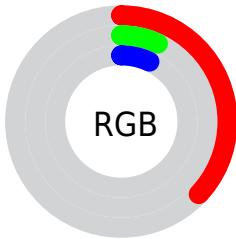
Format	Color
R_{YB}	95, 19, 19
Decimal	6230803
CIE Lab	19.82, 33.80, 21.06
CIE LCh	20, 39.820, 31.927
Yxy	2.9457, 0.5675, 0.3298
Android (android.graphics.Color)	4284420883 (0xFF5F1313)
YUV	41.7240, -11.2029, 46.7231
Hunter-Lab	17.1629, 22.6918, 8.8446

Details

The Hex color **5F1313** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **135F5F**, and the grayscale version is **2A2A2A**.

A 20% lighter version of the original color is **97453D**, and **2D0001** is the 20% darker color. If you saturate the color by 10%, you get **5F0909**, and if you desaturate by 10%, it is **5F1D1D**.

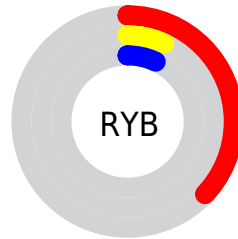
Distribution



Red (37%)

Green (7%)

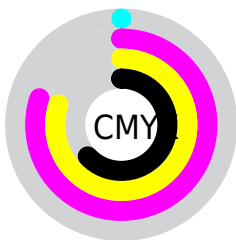
Blue (7%)



Red (37%)

Yellow (7%)

Blue (7%)

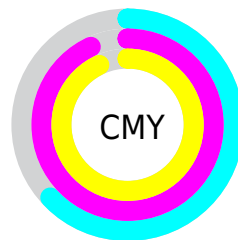


Cyan (0%)

Magenta (80%)

Yellow (80%)

Black (63%)



Cyan (63%)

Magenta (93%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5F1313 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 5F1313 by changing the saturation by 10% instead.

 5F1313

 5F1313

 FFFFF4

 440000

 97453D

 2D0001

 B45E55

 000000

 D1776D

 EF9286

 FFADA0

 FFC9BB

 FFE5D7

 5F1313

 5F1313

■ 5F0909

■ 5F1D1D

■ 5F0000

■ 5F2626

■ 5F3030

■ 5F3939

■ 5F4343

■ 5F4C4C

■ 5F5656

■ 5F5F5F

■ 5F6969

Harmonies

Analogous

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



61082F



5F1313



512300

Triad

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



5F1313



003B12



00336B

Complementary

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



5F1313



135F5F

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.



003A63



5F1313



003C31

Square

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



5F1313



1E3700



003C4E



2F2762

Rectangle

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



5F1313



432C00



003C4E



00366A

Sweetspot

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



5F1313



7A5D5D



5F135F



3D2B2B



BDBDBD



3D3D3D

Same Dimension

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



5F1313



7A0505



5F3913



302C2C



700000



F00000

Inverse Universe

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



135F5F



057A7A



13395F



2C3030



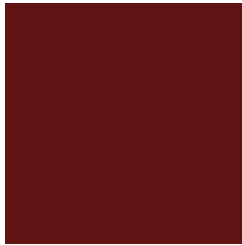
007070



00F0F0

Previews

White Background



This preview shows how the Hex color 5F1313 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 5F1313 Background



This preview shows how black text looks on a background with the Hex color 5F1313.

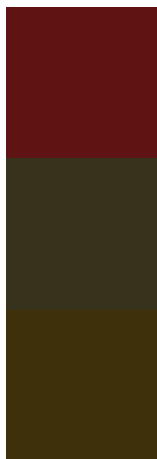


This preview shows how white text looks on a background with the Hex color 5F1313.

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
5F1313

Protanopia
37321C

Deuteranopia
3F300C



Tritanopia
5F1313

Trichromacy



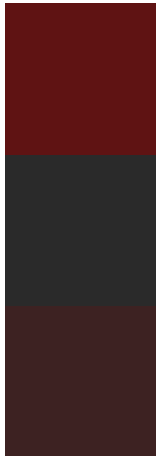
Original Color
5F1313

Protanomaly
462719

Deuteranomaly
4B250F

Tritanomaly
5F1313

Monochromacy



Original Color
5F1313

Achromatopsia
2A2A2A

Achromatomaly
3D2222

CSS Examples

Text

The CSS property to change the color of the text to Hex 5F1313 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 #5F1313 looks like.

```
.text, #text, p{  
    color:#5F1313  
}
```

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 #5F1313 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F1313
}
```

Border

The CSS property to change the border of an element to Hex 5F1313 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".

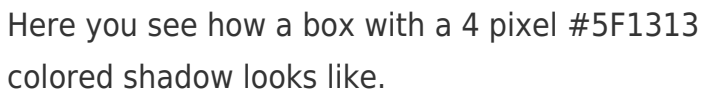
```
.border, #border, table{ border:4px solid
#5F1313 }
```

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

```
.border{ border-color:#5F1313 }
```

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

Here you see how a box with a 4 pixel #5F1313 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 #5F1313 colored shadow looks like."

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F1313; -webkit-box-shadow:4px 4px  
4px 4px #5F1313; box-shadow:4px 4px 4px  
4px #5F1313 }
```

Background

The CSS property to change the background color of an element to Hex 5F1313 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F1313 }
```

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

```
.background{ background-color:#5F1313 }
```

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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