

Converting Colors

Hex(5F3800)

Have a look what the booklet for
Hex(5F3800) contains.

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Color

Hex(5F3800)

Conversions

Conversions Part 1

Format	Color
Hex	5F3800
RGB	95, 56, 0
RGB Percent	37%, 22%, 0%
CMY	0.6275, 0.7804, 1.0000
CMYK	0.00, 0.41, 1.00, 0.63
HSL	35°, 100%, 19%
HSV	35°, 100%, 37%
XYZ	6.1335, 5.2612, 0.6923
YIQ	61.2770, 41.2200, -9.1480

Conversions

Conversions Part 2

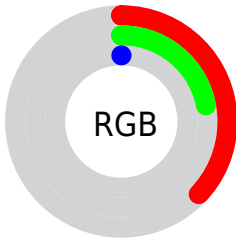
Format	Color
RYB	66, 95, 0
Decimal	6240256
CIELab	27.47, 13.20, 37.45
CIELCh	27, 39.711, 70.591
Yxy	5.2612, 0.5074, 0.4353
Android (android.graphics.Color)	4284430336 (0xFF5F3800)
YUV	61.2770, -30.2096, 29.5751
Hunter-Lab	22.9374, 7.5907, 14.2668

Details

The Hex color **5F3800** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **00275F**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **966731**, and **2B0E00** is the 20% darker color. If you saturate the color by 10%, you get **5F3800**, and if you desaturate by 10%, it is **5F3C09**.

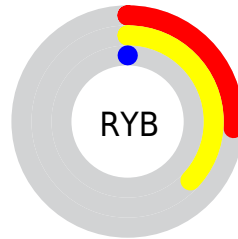
Distribution



Red (37%)

Green (22%)

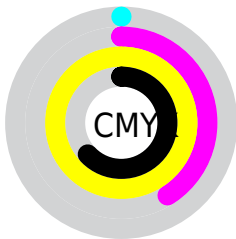
Blue (0%)



Red (26%)

Yellow (37%)

Blue (0%)

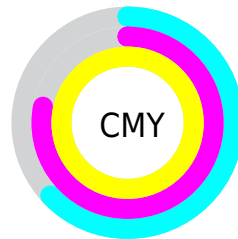


Cyan (0%)

Magenta (41%)

Yellow (100%)

Black (63%)



Cyan (63%)

Magenta (78%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5F3800 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 5F3800 by changing the saturation by 10% instead.

 5F3800

 5F3800

 FFFFE8

 452200

 966731

 2B0E00

 B28048

 060000

 CF9A61

 000000

 ECB57A

 FFD095

 FFEDB0

 FFFFCB

 5F3800

■ 5F3C09

■ 5F4013

■ 5F441D

■ 5F4826

■ 5F4C30

■ 5F4F39

■ 5F5343

■ 5F574C

■ 5F5B56

Harmonies

Analogous

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



712A1B



5F3800



454300

Triad

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



5F3800



004F4B



4F346F

Complementary

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



5F3800



00275F

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.



01417D



5F3800



004E68

Square

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



5F3800



004E2B



004A7A



6D2556

Rectangle

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



5F3800



304803



004A7A



403876

Sweetspot

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



5F3800



7A6B56



5F0028



3D3427



BDBDBD



3D3D3D

Same Dimension

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



5F3800



7A4800



575F00



302E2C



704200



F08D00

Inverse Universe

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



00275F



00327A



08005F



2C2E30



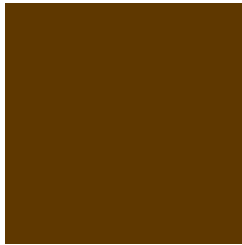
002E70



0062F0

Previews

White Background



This preview shows how the Hex color 5F3800 looks on a white background.

Color Contrast Check

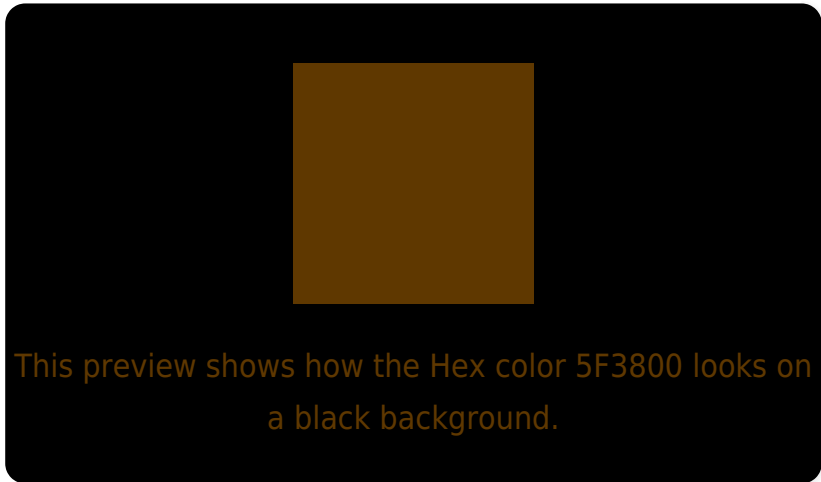
Large Text (above 18pt) WCAG AA ✓ Pass

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

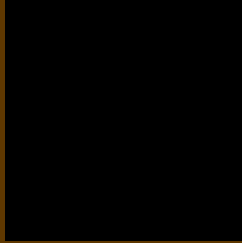
Any Text WCAG AA × Fail

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 5F3800 Background



This preview shows how black text looks on a background with the Hex color 5F3800.



This preview shows how white text looks on a background with the Hex color 5F3800.

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
5F3800

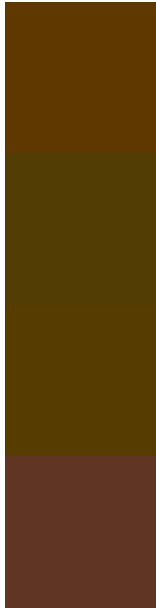
Protanopia
4A207

Deuteranopia
533E00



Tritanopia
613438

Trichromacy



Original Color
5F3800

Protanomaly
523E04

Deuteranomaly
573C00

Tritanomaly
603524

Monochromacy



Original Color
5F3800

Achromatopsia
3D3D3D

Achromatomaly
493B27

CSS Examples

Text

The CSS property to change the color of the text to Hex 5F3800 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 #5F3800 looks like.

```
.text, #text, p{  
    color:#5F3800  
}
```

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 #5F3800 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F3800
}
```

Border

The CSS property to change the border of an element to Hex 5F3800 is called "border". The border property can be set on classes, ids or directly on the HTML element.

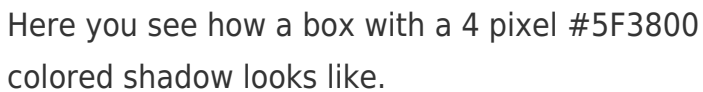
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5F3800 }
```

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

```
.border{ border-color:#5F3800 }
```

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



Here you see how a box with a 4 pixel #5F3800 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F3800; -webkit-box-shadow:4px 4px  
4px 4px #5F3800; box-shadow:4px 4px 4px  
4px #5F3800 }
```

Background

The CSS property to change the background color of an element to Hex 5F3800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F3800 }
```

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

```
.background{ background-color:#5F3800 }
```

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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