

Converting Colors

Hex(3F1313)

Have a look what the booklet for
Hex(3F1313) contains.

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Color

Hex(3F1313)

Conversions

Conversions Part 1

Format	Color
Hex	3F1313
RGB	63, 19, 19
RGB Percent	25%, 7%, 7%
CMY	0.7529, 0.9255, 0.9255
CMYK	0.00, 0.70, 0.70, 0.75
HSL	0°, 54%, 16%
HSV	0°, 70%, 25%
XYZ	2.4003, 1.5695, 0.7925
YIQ	32.1560, 26.2240, 9.3280

Conversions

Conversions Part 2

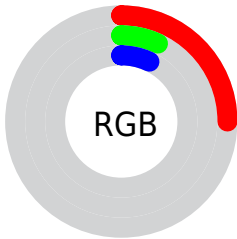
Format	Color
R_{YB}	63, 19, 19
Decimal	4133651
CIE _{Lab}	13.04, 21.51, 11.15
CIE _{LCh}	13, 24.227, 27.409
Yxy	1.5695, 0.5040, 0.3296
Android (android.graphics.Color)	4282323731 (0xFF3F1313)
YUV	32.1560, -6.4859, 27.0502
Hunter-Lab	12.5281, 12.2756, 5.0189

Details

The Hex color **3F1313** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **133F3F**, and the grayscale version is **202020**.

A 20% lighter version of the original color is **72403D**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **3F0D0D**, and if you desaturate by 10%, it is **3F1919**.

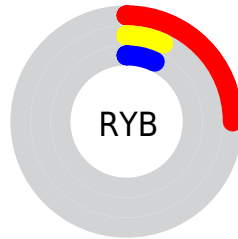
Distribution



Red (25%)

Green (7%)

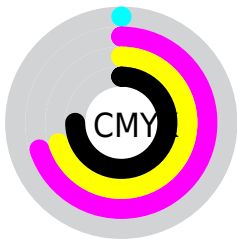
Blue (7%)



Red (25%)

Yellow (7%)

Blue (7%)

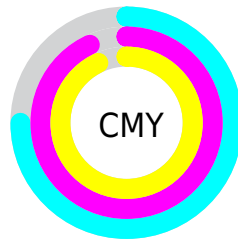


Cyan (0%)

Magenta (70%)

Yellow (70%)

Black (75%)



Cyan (75%)

Magenta (93%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3F1313 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 3F1313 by changing the saturation by 10% instead.

 3F1313

 3F1313

 FFF8F3

 290000

 72403D

 000000

 8D5854

 A8706C

 C48A86

 E1A5A0

 FEC0BB

 FFD700

 3F1313

 3F1313

■ 3F0D0D

■ 3F1919

■ 3F0606

■ 3F2020

■ 3F0000

■ 3F2626

■ 3F2C2C

■ 3F3333

■ 3F3939

■ 3F3F3F

■ 3F4545

■ 3F4C4C

Harmonies

Analogous

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



3E1124



3F1313



391A00

Triad

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



3F1313



03280E



002443

Complementary

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



3F1313



133F3F

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.



00283E



3F1313



002920

Square

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



3F1313



1D2500



002931



1F1E40

Rectangle

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



3F1313



311E00



002931



002642

Sweetspot

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



3F1313



524040



3F133F



291F1F



A8A8A8



292929

Same Dimension

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



3F1313



520D0D



3F2913



1F1C1C



5E0000



DE0000

Inverse Universe

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



133F3F



0D5252



13293F



1C1F1F



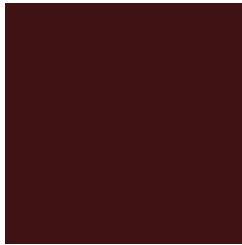
005E5E



00DEDE

Previews

White Background



This preview shows how the Hex color 3F1313 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 3F1313 Background



This preview shows how black text looks on a background with the Hex color 3F1313.



This preview shows how white text looks on a background with the Hex color 3F1313.

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
3F1313

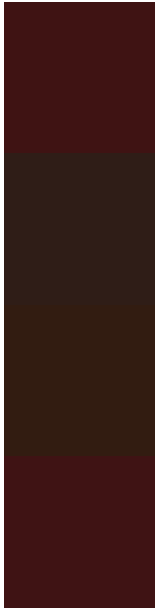
Protanopia
262319

Deuteranopia
2B2110



Tritanopia
3F1314

Trichromacy



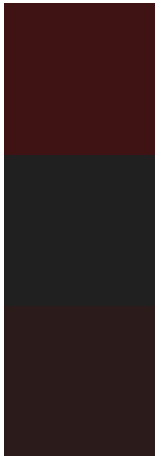
Original Color
3F1313

Protanomaly
2F1D17

Deuteranomaly
321C11

Tritanomaly
3F1314

Monochromacy



Original Color
3F1313

Achromatopsia
202020

Achromatomaly
2B1B1B

CSS Examples

Text

The CSS property to change the color of the text to Hex 3F1313 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 #3F1313 looks like.

```
.text, #text, p{  
    color:#3F1313  
}
```

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 #3F1313 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3F1313
}
```

Border

The CSS property to change the border of an element to Hex 3F1313 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".

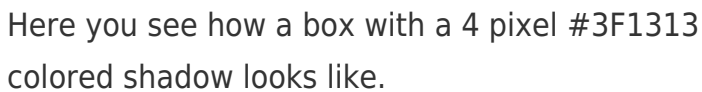
```
.border, #border, table{ border:4px solid
#3F1313 }
```

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

```
.border{ border-color:#3F1313 }
```

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

Here you see how a box with a 4 pixel #3F1313 colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The box is white with a thin dark red border. Below the box, there is a thick dark red shadow that is 4 pixels wide and 4 pixels high, extending to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3F1313; -webkit-box-shadow:4px 4px  
4px 4px #3F1313; box-shadow:4px 4px 4px  
4px #3F1313 }
```

Background

The CSS property to change the background color of an element to Hex 3F1313 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3F1313 }
```

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

```
.background{ background-color:#3F1313 }
```

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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