

Converting Colors

Hex(3F1B1D)

Have a look what the booklet for
Hex(3F1B1D) contains.

Hex(3F1B1D)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(3F1B1D)

Conversions

Conversions Part 1

Format	Color
Hex	3F1B1D
RGB	63, 27, 29
RGB Percent	25%, 11%, 11%
CMY	0.7529, 0.8941, 0.8863
CMYK	0.00, 0.57, 0.54, 0.75
HSL	357°, 40%, 18%
HSV	357°, 57%, 25%
XYZ	2.6636, 1.9293, 1.3944
YIQ	37.9920, 20.8140, 8.2540

Conversions

Conversions Part 2

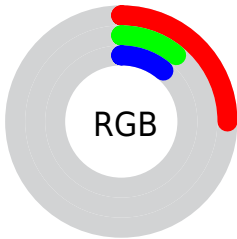
Format	Color
R_{YB}	63, 27, 29
Decimal	4135709
CIE Lab	15.11, 17.77, 6.85
CIE LCh	15, 19.044, 21.079
Yxy	1.9293, 0.4449, 0.3222
Android (android.graphics.Color)	4282325789 (0xFF3F1B1D)
YUV	37.9920, -4.4331, 21.9320
Hunter-Lab	13.8901, 9.9222, 3.7710




Details

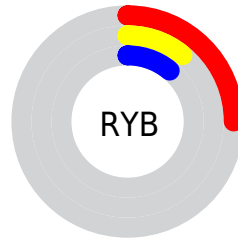
The Hex color **3F1B1D** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **1B3F3D**, and the grayscale version is **262626**.




A 20% lighter version of the original color is **714848**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **3F1517**, and if you desaturate by 10%, it is **3F2123**.

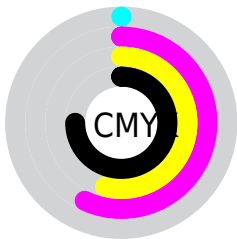
Distribution







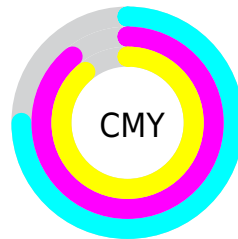
-  Red (25%)
-  Green (11%)
-  Blue (11%)






-  Red (25%)
-  Yellow (11%)
-  Blue (11%)



-  Cyan (0%)
-  Magenta (57%)
-  Yellow (54%)
-  Black (75%)



-  Cyan (75%)
-  Magenta (89%)
-  Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3F1B1D 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 3F1B1D by changing the saturation by 10% instead.

■ 3F1B1D

■ 3F1B1D

FFFFFF

■ 290403

■ 714848

■ 000000

■ 8B6060

■ A67979

■ C29293

■ DEADAD

■ FBC9C8

■ FFE5E4

■ 3F1B1D

■ 3F1B1D

■ 3F1517

■ 3F2123

■ 3F0E11

■ 3F2829

■ 3F080B

■ 3F2E2F

■ 3F0205

■ 3F3435

■ 3F0003

■ 3F3B3B

■ 3F4141

■ 3F4747

■ 3F4D4D

■ 3F5453

Harmonies

Analogous

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



3D1B2B



3F1B1D



3B1F11

Triad

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



3F1B1D



152B14



002940

Complementary

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



3F1B1D



1B3F3D

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.



002B3A



3F1B1D



002C21

Square

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



3F1B1D



25280A



002D2F



20243F

Rectangle

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



3F1B1D



35220A



002D2F



002A3F

Sweetspot

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



3F1B1D



524444



3D1B3F



292121



A8A8A8



292929

Same Dimension

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



3F1B1D



52191C



3F2B1B



1F1C1C



5E0005



DE000C

Inverse Universe

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



3F1B1D



52191C



1B2F3F



1F1C1C



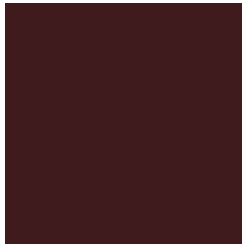
5E0005



DE000C

Previews

White Background



This preview shows how the Hex color 3F1B1D looks on a white background.

Color Contrast Check

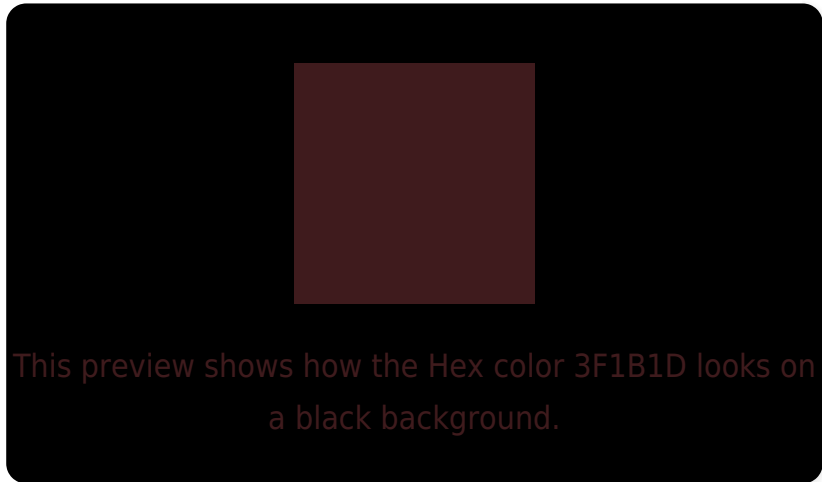
Large Text (above 18pt) WCAG AA ✓ Pass

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

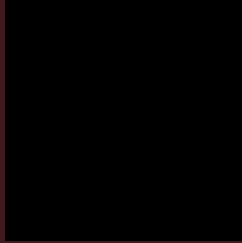
Any Text WCAG AA × Fail

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 3F1B1D Background



This preview shows how black text looks on a background with the Hex color 3F1B1D.

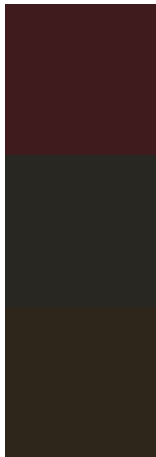


This preview shows how white text looks on a background with the Hex color 3F1B1D.

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

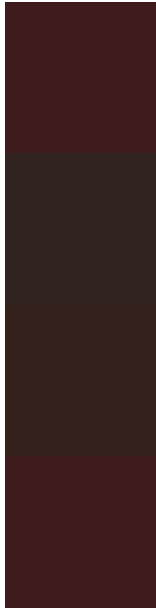


Original Color
3F1B1D

Protanopia
282722

Deuteranopia
2E251B

Trichromacy



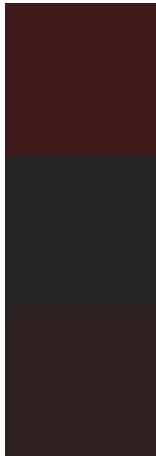
Original Color
3F1B1D

Protanomaly
302320

Deuteranomaly
34211C

Tritanomaly
3F1B1D

Monochromacy



Original Color
3F1B1D

Achromatopsia
262626

Achromatomaly
2F2223

CSS Examples

Text

The CSS property to change the color of the text to Hex 3F1B1D 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 #3F1B1D looks like.

```
.text, #text, p{  
    color:#3F1B1D  
}
```

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 #3F1B1D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3F1B1D
}
```

Border

The CSS property to change the border of an element to Hex 3F1B1D 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".

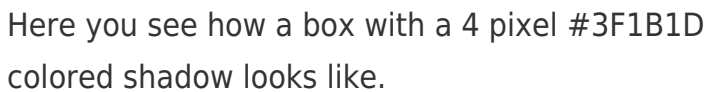
```
.border, #border, table{ border:4px solid
#3F1B1D }
```

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

```
.border{ border-color:#3F1B1D }
```

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

Here you see how a box with a 4 pixel #3F1B1D 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 on the top and left sides, and a thicker dark red shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3F1B1D; -webkit-box-shadow:4px 4px  
4px 4px #3F1B1D; box-shadow:4px 4px 4px  
4px #3F1B1D }
```

Background

The CSS property to change the background color of an element to Hex 3F1B1D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3F1B1D }
```

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

```
.background{ background-color:#3F1B1D }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor