

Converting Colors

Hex(3C171D)

Have a look what the booklet for
Hex(3C171D) contains.

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Color

Hex(3C171D)

Conversions

Conversions Part 1

Format	Color
Hex	3C171D
RGB	60, 23, 29
RGB Percent	24%, 9%, 11%
CMY	0.7647, 0.9098, 0.8863
CMYK	0.00, 0.62, 0.52, 0.76
HSL	350°, 45%, 16%
HSV	350°, 62%, 24%
XYZ	2.3916, 1.6622, 1.3572
YIQ	34.7470, 20.1260, 9.7100

Conversions

Conversions Part 2

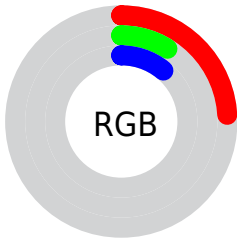
Format	Color
RYB	60, 23, 29
Decimal	3938077
CIELab	13.60, 18.91, 4.67
CIELCh	14, 19.482, 13.867
Yxy	1.6622, 0.4420, 0.3072
Android (android.graphics.Color)	4282128157 (0xFF3C171D)
YUV	34.7470, -2.8333, 22.1469
Hunter-Lab	12.8925, 10.5512, 2.7834

Details

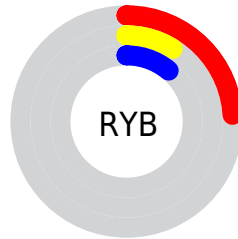
The Hex color **3C171D** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **173C36**, and the grayscale version is **232323**.

A 20% lighter version of the original color is **6E4348**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **3C1118**, and if you desaturate by 10%, it is **3C1D22**.

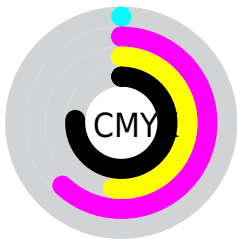
Distribution



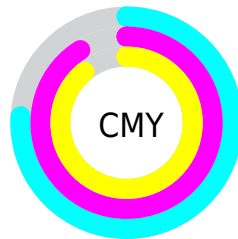
- Red (24%)
- Green (9%)
- Blue (11%)



- Red (24%)
- Yellow (9%)
- Blue (11%)



- Cyan (0%)
- Magenta (62%)
- Yellow (52%)
- Black (76%)



- Cyan (76%)
- Magenta (91%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3C171D 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 3C171D by changing the saturation by 10% instead.

 3C171D

 3C171D

 FFFCFF

 270003

 6E4348

 000000

 885B60

 A27479

 BE8E92

 DAA8AD

 F7C4C8

 FFE0E4

 3C171D

 3C171D

■ 3C1118

■ 3C1D22

■ 3C0B13

■ 3C2327

■ 3C050E

■ 3C292C

■ 3C000A

■ 3C2F31

■ 3C3536

■ 3C3B3B

■ 3C4140

■ 3C4745

■ 3C4D4A

Harmonies

Analogous

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



38182B



3C171D



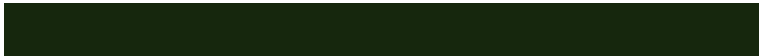
391A10

Triad

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



3C171D



16270D



00263D

Complementary

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



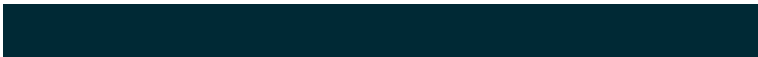
3C171D



173C36

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.



002935



3C171D



00291B

Square

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



3C171D



252402



002A29



16223D

Rectangle

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



3C171D



341E07



002A29



00273B

Sweetspot

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



3C171D



4F4042



36173C



291F21



A8A8A8



292929

Same Dimension

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



3C171D



4F151E



3C2317



1F1C1C



5E000F



DE0024

Inverse Universe

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



3C171D



4F151E



17303C



1F1C1C



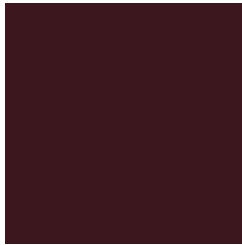
5E000F



DE0024

Previews

White Background



This preview shows how the Hex color 3C171D looks on a white background.

Color Contrast Check

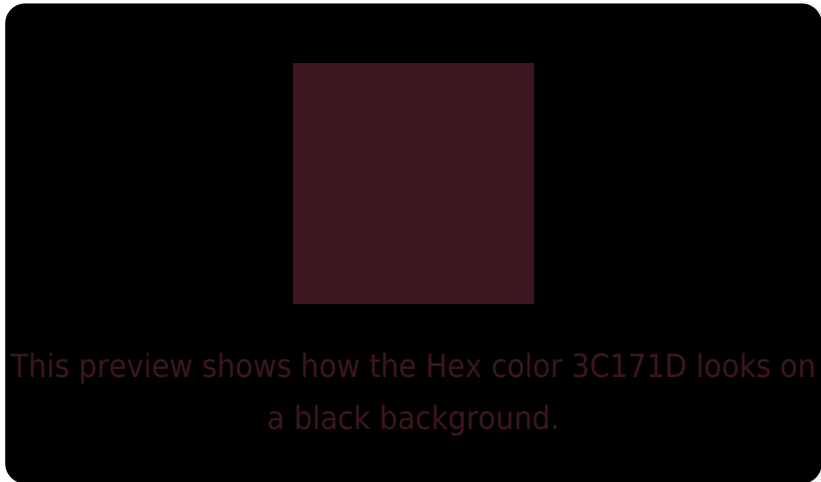
Large Text (above 18pt) WCAG AA ✓ Pass

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

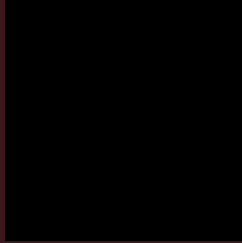
Any Text WCAG AA × Fail

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 3C171D Background



This preview shows how black text looks on a background with the Hex color 3C171D.

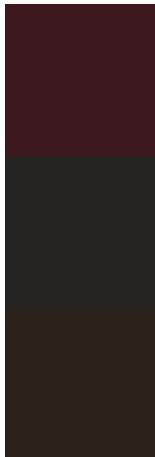


This preview shows how white text looks on a background with the Hex color 3C171D.

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](#).

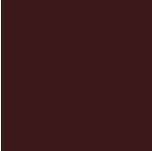
Dichromacy



Original Color
3C171D

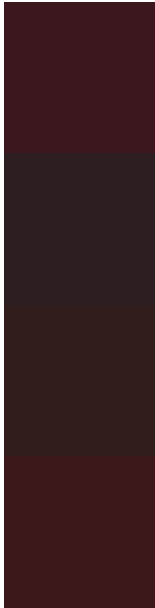
Protanopia
252423

Deuteranopia
2A221B



Tritanopia
3C1819

Trichromacy



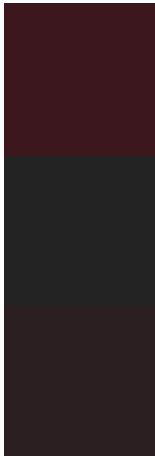
Original Color
3C171D

Protanomaly
2D1F21

Deuteranomaly
311E1C

Tritanomaly
3C181A

Monochromacy



Original Color
3C171D

Achromatopsia
232323

Achromatomaly
2C1F21

CSS Examples

Text

The CSS property to change the color of the text to Hex 3C171D 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 #3C171D looks like.

```
.text, #text, p{  
    color:#3C171D  
}
```

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 #3C171D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3C171D
}
```

Border

The CSS property to change the border of an element to Hex 3C171D is called "border". The border property can be set on classes, ids or directly on the HTML element.

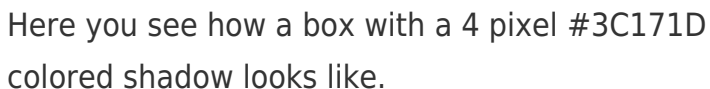
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3C171D }
```

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

```
.border{ border-color:#3C171D }
```

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



Here you see how a box with a 4 pixel #3C171D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3C171D; -webkit-box-shadow:4px 4px  
4px 4px #3C171D; box-shadow:4px 4px 4px  
4px #3C171D }
```

Background

The CSS property to change the background color of an element to Hex 3C171D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3C171D }
```

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

```
.background{ background-color:#3C171D }
```

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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