

Converting Colors

Hex(3D381C)

Have a look what the booklet for
Hex(3D381C) contains.

Hex(3D381C)	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(3D381C)

Conversions

Conversions Part 1

Format	Color
Hex	3D381C
RGB	61, 56, 28
RGB Percent	24%, 22%, 11%
CMY	0.7608, 0.7804, 0.8902
CMYK	0.00, 0.08, 0.54, 0.76
HSL	51°, 37%, 17%
HSV	51°, 54%, 24%
XYZ	3.5482, 3.9043, 1.6652
YIQ	54.3030, 11.9680, -7.6480

Conversions

Conversions Part 2

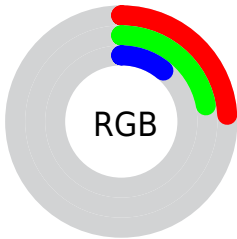
Format	Color
R_{YB}	34, 61, 28
Decimal	4012060
CIE Lab	23.35, -2.52, 18.21
CIE LCh	23, 18.378, 97.867
Yxy	3.9043, 0.3892, 0.4282
Android (android.graphics.Color)	4282202140 (0xFF3D381C)
YUV	54.3030, -12.9674, 5.8733
Hunter-Lab	19.7593, -2.5248, 8.8349

Details

The Hex color **3D381C** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **1C213D**, and the grayscale version is **363636**.

A 20% lighter version of the original color is **6D6748**, and **0C0D00** is the 20% darker color. If you saturate the color by 10%, you get **3D3716**, and if you desaturate by 10%, it is **3D3922**.

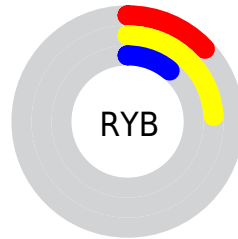
Distribution



Red (24%)

Green (22%)

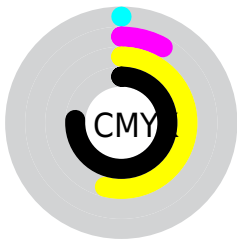
Blue (11%)



Red (13%)

Yellow (24%)

Blue (11%)

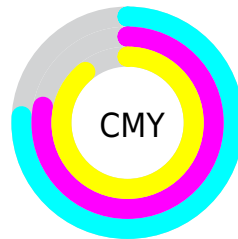


Cyan (0%)

Magenta (8%)

Yellow (54%)

Black (76%)



Cyan (76%)

Magenta (78%)

Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3D381C 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 3D381C by changing the saturation by 10% instead.

 3D381C

 3D381C

FFFFFF

 272303

 6D6748

 0C0D00

 878060

 000000

 A29A79

 BDB493

 D9D0AE

 F5ECC9

 FFFFE5

 3D381C

 3D381C

■ 3D3716

■ 3D3922

■ 3D3610

■ 3D3A28

■ 3D350A

■ 3D3B2E

■ 3D3404

■ 3D3C34

■ 3D3400

■ 3D3D3B

■ 3D3E41

■ 3D3E47

■ 3D3F4D

■ 3D4053

Harmonies

Analogous

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



49331E



3D381C



2E3C21

Triad

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



3D381C



003E48



4C2E42

Complementary

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



3D381C



1C213D

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.



3E334D



3D381C



0F3C51

Square

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



3D381C



063F3B



293853



522D34

Rectangle

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



3D381C



233D29



293853



483046

Sweetspot

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



3D381C



4F4D42



3D1C22



292821



A8A8A8



292929

Same Dimension

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



3D381C



4F471C



323D1C



1F1E1C



5E5000



DEBC00

Inverse Universe

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



1C213D



1C234F



271C3D



1C1C1F



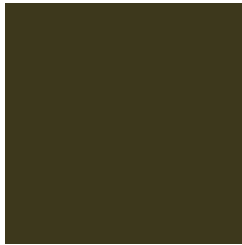
000E5E



0022DE

Previews

White Background



This preview shows how the Hex color 3D381C looks on a white background.

Color Contrast Check

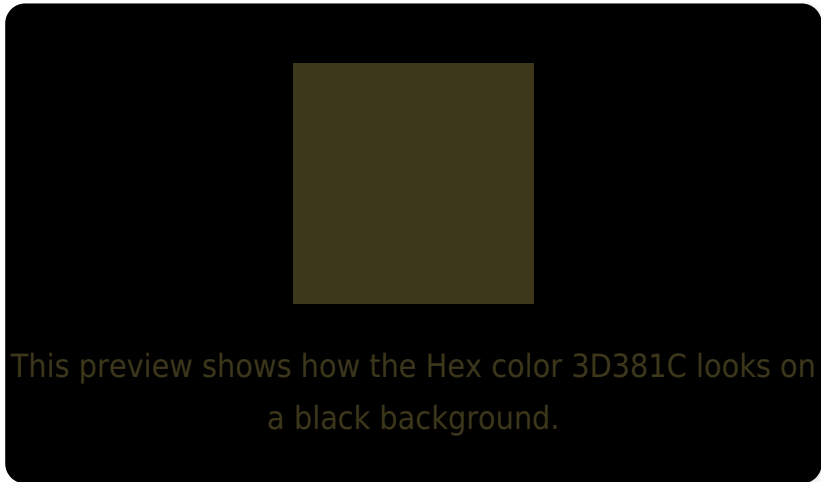
Large Text (above 18pt) WCAG AA ✓ Pass

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

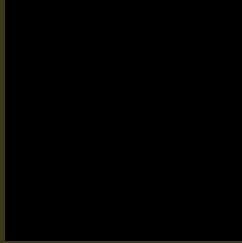
Any Text WCAG AA × Fail

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 3D381C Background



This preview shows how black text looks on a background with the Hex color 3D381C.

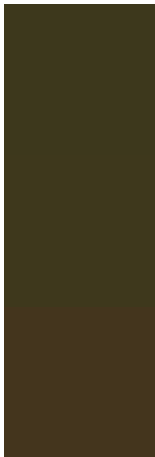


This preview shows how white text looks on a background with the Hex color 3D381C.

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](#).

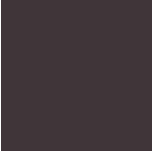
Dichromacy



Original Color
3D381C

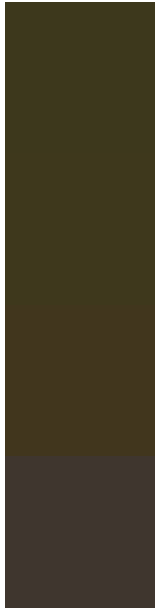
Protanopia
3E381C

Deuteranopia
44351D



Tritanopia
403539

Trichromacy



Original Color
3D381C

Protanomaly
3E381C

Deuteranomaly
41361D

Tritanomaly
3F362E

Monochromacy



Original Color
3D381C

Achromatopsia
363636

Achromatomaly
39372D

CSS Examples

Text

The CSS property to change the color of the text to Hex 3D381C 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 #3D381C looks like.

```
.text, #text, p{  
    color:#3D381C  
}
```

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 #3D381C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D381C
}
```

Border

The CSS property to change the border of an element to Hex 3D381C 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
#3D381C }
```

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

```
.border{ border-color:#3D381C }
```

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

Here you see how a box with a 4 pixel #3D381C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D381C; -webkit-box-shadow:4px 4px  
4px 4px #3D381C; box-shadow:4px 4px 4px  
4px #3D381C }
```

Background

The CSS property to change the background color of an element to Hex 3D381C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D381C }
```

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

```
.background{ background-color:#3D381C }
```

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