

# Converting Colors

Hex(381B1D)

Have a look what the booklet for  
Hex(381B1D) contains.

<b>Hex(381B1D)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(381B1D)

# Conversions

## Conversions Part 1

Format	Color
Hex	381B1D
RGB	56, 27, 29
RGB Percent	22%, 11%, 11%
CMY	0.7804, 0.8941, 0.8863
CMYK	0.00, 0.52, 0.48, 0.78
HSL	356°, 35%, 16%
HSV	356°, 52%, 22%
XYZ	2.2446, 1.7133, 1.3748
YIQ	35.8990, 16.6420, 6.7700

# Conversions

## Conversions Part 2

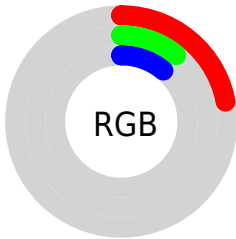
Format	Color
<a href="#">RYB</a>	<a href="#">56, 27, 29</a>
Decimal	<a href="#">3676957</a>
CIELab	<a href="#">13.90, 14.55, 4.99</a>
CIELCh	<a href="#">14, 15.383, 18.920</a>
Yxy	<a href="#">1.7133, 0.4209, 0.3213</a>
Android (android.graphics.Color)	<a href="#">4281867037 (0xFF381B1D)</a>
YUV	<a href="#">35.8990, -3.4012, 17.6286</a>
Hunter-Lab	<a href="#">13.0894, 7.7030, 2.9353</a>

# Details

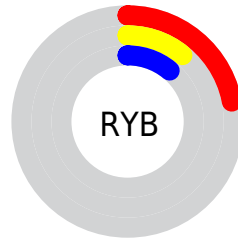
The Hex color **381B1D** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **1B3836**, and the grayscale version is **242424**.

A 20% lighter version of the original color is **694748**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **381518**, and if you desaturate by 10%, it is **382122**.

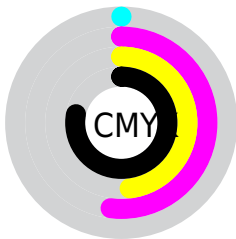
# Distribution



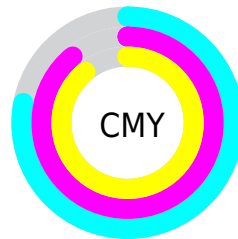
- Red (22%)
- Green (11%)
- Blue (11%)



- Red (22%)
- Yellow (11%)
- Blue (11%)



- Cyan (0%)
- Magenta (52%)
- Yellow (48%)
- Black (78%)



- Cyan (78%)
- Magenta (89%)
- Yellow (89%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 381B1D 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 381B1D by changing the saturation by 10% instead.





381B1D



381B1D

FFFFFF



240203



694748



000000



825F60



9D7879



B89293



D4ACAD



F0C8C8



FFE4E4



381B1D



381B1D

■ 381518

■ 382122

■ 381013

■ 382627

■ 380A0D

■ 382C2D

■ 380508

■ 383132

■ 380004

■ 383737

■ 383D3C

■ 384241

■ 384847

■ 384D4C

# Harmonies

## Analogous

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



351B28



381B1D



351E14

# Triad

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



381B1D



172715



092638

# Complementary

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



381B1D



1B3836

# 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.



002833



381B1D



07291F

# Square

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



381B1D



24250E



00292A



1E2238

# Rectangle

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



381B1D



31200F



00292A



022737



# Sweetspot

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



381B1D



4A3E3F



361B38



261F1F



A6A6A6



262626



# Same Dimension

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



381B1D



4A1C1F



38271B



1C1919



5C0006



DB000F



# Inverse Universe

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



381B1D



4A1C1F



1B2C38



1C1919



5C0006

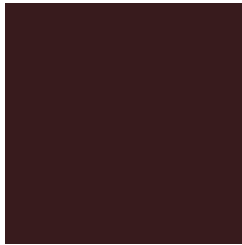


DB000F



# Previews

## White Background



This preview shows how the Hex color 381B1D looks on a white background.

## Color Contrast Check

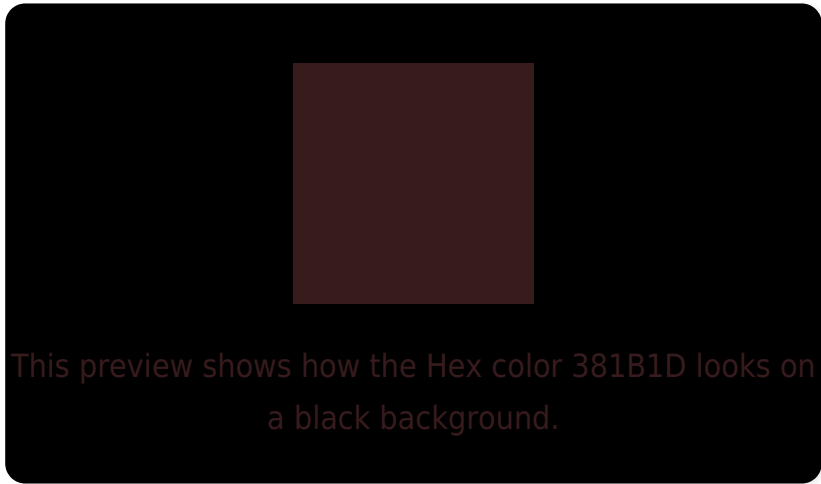
Large Text (above 18pt) WCAG AA ✓ Pass

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 381B1D Background



This preview shows how black text looks on a background with the Hex color 381B1D.

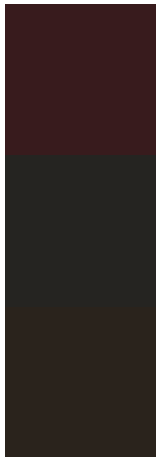


This preview shows how white text looks on a background with the Hex color 381B1D.

# 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](#).

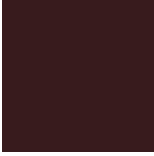
## Dichromacy



**Original Color**  
381B1D

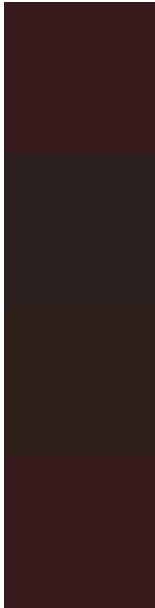
**Protanopia**  
252421

**Deuteranopia**  
2A231C



**Tritanopia**  
381B1D

# Trichromacy



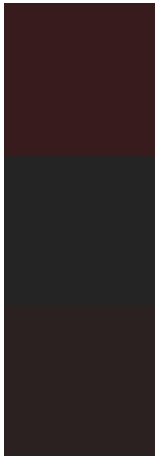
**Original Color**  
381B1D

**Protanomaly**  
2C2120

**Deuteranomaly**  
2F201C

**Tritanomaly**  
381B1D

# Monochromacy



**Original Color**  
381B1D

**Achromatopsia**  
242424

**Achromatomaly**  
2B2121

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 381B1D 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 #381B1D looks like.

```
.text, #text, p{  
    color:#381B1D  
}
```

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 #381B1D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #381B1D
}
```

## Border

The CSS property to change the border of an element to Hex 381B1D is called "border". The border property can be set on classes, ids or directly on the HTML element.

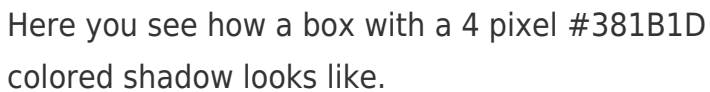
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#381B1D }
```

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

```
.border{ border-color:#381B1D }
```

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



Here you see how a box with a 4 pixel `#381B1D` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #381B1D; -webkit-box-shadow:4px 4px  
4px 4px #381B1D; box-shadow:4px 4px 4px  
4px #381B1D }
```

# Background

The CSS property to change the background color of an element to Hex 381B1D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#381B1D }
```

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

```
.background{ background-color:#381B1D }
```

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