

# Converting Colors

Hex(380B1A)

Have a look what the booklet for  
Hex(380B1A) contains.

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**Color**

**Hex(380B1A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	380B1A
RGB	56, 11, 26
RGB Percent	22%, 4%, 10%
CMY	0.7804, 0.9569, 0.8980
CMYK	0.00, 0.80, 0.54, 0.78
HSL	340°, 67%, 13%
HSV	340°, 80%, 22%
XYZ	1.9370, 1.1547, 1.0981
YIQ	26.1650, 22.0050, 14.2050

# Conversions

## Conversions Part 2

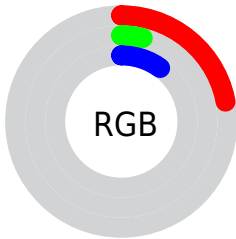
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	56, 11, 26
Decimal	3672858
CIE <sub>Lab</sub>	10.22, 23.56, 1.99
CIE <sub>LCh</sub>	10, 23.646, 4.839
Yxy	1.1547, 0.4623, 0.2756
Android (android.graphics.Color)	4281862938 (0xFF380B1A)
YUV	26.1650, -0.0813, 26.1653
Hunter-Lab	10.7456, 13.3718, 1.4632




# Details

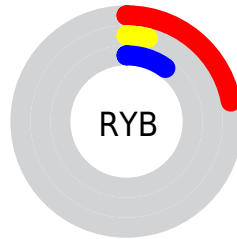
The Hex color **380B1A** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **0B3829**, and the grayscale version is **1A1A1A**.




A 20% lighter version of the original color is **6A3845**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **380516**, and if you desaturate by 10%, it is **38111E**.

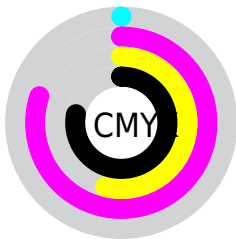
# Distribution







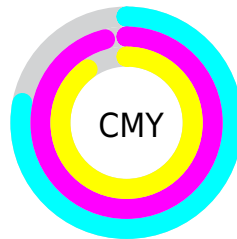
-  Red (22%)
-  Green (4%)
-  Blue (10%)






-  Red (22%)
-  Yellow (4%)
-  Blue (10%)



-  Cyan (0%)
-  Magenta (80%)
-  Yellow (54%)
-  Black (78%)



-  Cyan (78%)
-  Magenta (96%)
-  Yellow (90%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 380B1A 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 380B1A by changing the saturation by 10% instead.



 380B1A

 380B1A

 FFF0FD

 260001

 6A3845

 000000

 84505C

 9F6875

 BA828E

 D69CA9

 F3B7C4

 FFD3E0

 380B1A

 380B1A

■ 380516

■ 38111E

■ 380013

■ 381621

■ 381C25

■ 382129

■ 38272D

■ 382D30

■ 383234

■ 383838

■ 383D3C

# Harmonies

## Analogous

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



310F2A



380B1A



370F05

# Triad

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



380B1A



132000



002139

# Complementary

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



380B1A



0B3829

# 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.



00232E



380B1A



00230C

# Square

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



380B1A



221C00



00241E



001D3C

# Rectangle

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



380B1A



321300



00241E



002236



# Sweetspot

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



380B1A



4A383E



290B38



261B1F



A6A6A6



262626



# Same Dimension

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



380B1A



4A031B



38130B



1C191A



5C001F



DB0049



# Inverse Universe

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



380B1A



4A031B



0B3038



1C191A



5C001F

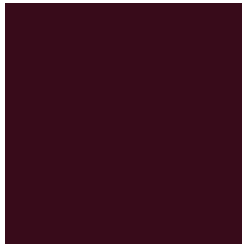


DB0049



# Previews

## White Background



This preview shows how the Hex color 380B1A looks on a white background.

## Color Contrast Check

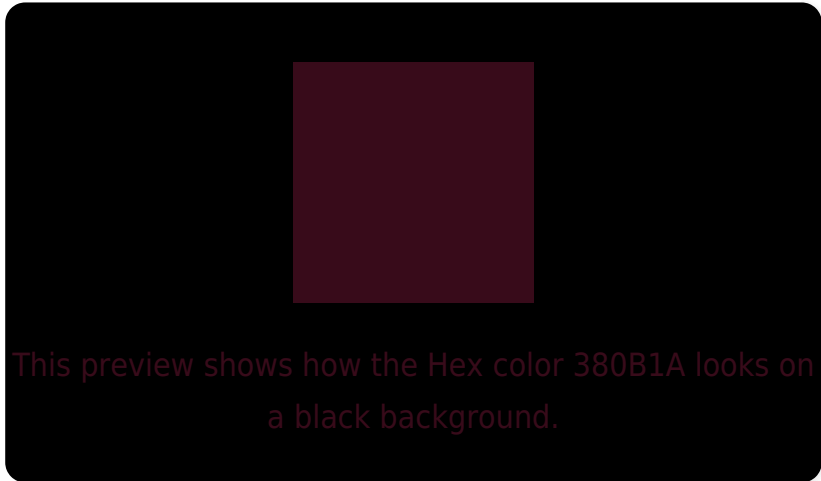
Large Text (above 18pt) WCAG AA ✓ Pass

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

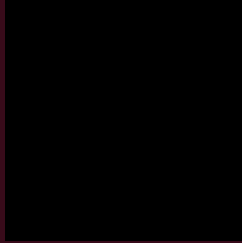
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 380B1A Background



This preview shows how black text looks on a background with the Hex color 380B1A.



This preview shows how white text looks on a background with the Hex color 380B1A.

# 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](#).

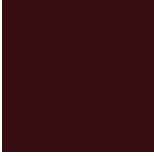
## Dichromacy



**Original Color**  
380B1A

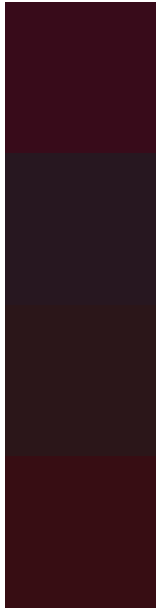
**Protanopia**  
1D1E24

**Deuteranopia**  
231D18



**Tritanopia**  
370E0F

# Trichromacy



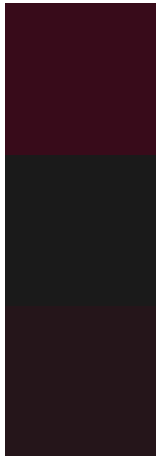
**Original Color**  
380B1A

**Protanomaly**  
271720

**Deuteranomaly**  
2B1619

**Tritanomaly**  
370D13

# Monochromacy



**Original Color**  
380B1A

**Achromatopsia**  
1A1A1A

**Achromatomaly**  
25151A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 380B1A 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 #380B1A looks like.

```
.text, #text, p{  
    color:#380B1A  
}
```

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 #380B1A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #380B1A
}
```

## Border

The CSS property to change the border of an element to Hex 380B1A 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".

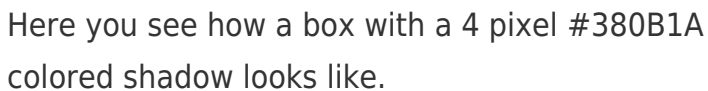
```
.border, #border, table{ border:4px solid
#380B1A }
```

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

```
.border{ border-color:#380B1A }
```

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

Here you see how a box with a 4 pixel #380B1A colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The shadow is cast to the right and bottom of the box, creating a 3D effect. The text inside the box is black and reads: "Here you see how a box with a 4 pixel #380B1A colored shadow looks like."

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #380B1A; -webkit-box-shadow:4px 4px  
4px 4px #380B1A; box-shadow:4px 4px 4px  
4px #380B1A }
```

# Background

The CSS property to change the background color of an element to Hex 380B1A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#380B1A }
```

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

```
.background{ background-color:#380B1A }
```

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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