

Converting Colors

Hex(371200)

Have a look what the booklet for
Hex(371200) contains.

| | |
|--|----|
| Hex(371200) | 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> | 28 |

Color

Hex(371200)

Conversions

Conversions Part 1

| Format | Color |
|-------------|--------------------------|
| Hex | 371200 |
| RGB | 55, 18, 0 |
| RGB Percent | 22%, 7%, 0% |
| CMY | 0.7843, 0.9294, 1.0000 |
| CMYK | 0.00, 0.67, 1.00, 0.78 |
| HSL | 20°, 100%, 11% |
| HSV | 20°, 100%, 22% |
| XYZ | 1.7919, 1.2448, 0.1458 |
| YIQ | 27.0110, 27.8300, 2.2460 |

Conversions

Conversions Part 2

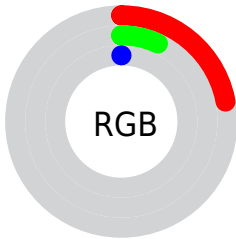
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 55, 27, 0 |
| Decimal | 3609088 |
| CIE _{Lab} | 10.88, 17.19, 16.68 |
| CIE _{LCh} | 11, 23.955, 44.131 |
| Yxy | 1.2448, 0.5630, 0.3911 |
| Android (android.graphics.Color) | 4281799168 (0xFF371200) |
| YUV | 27.0110, -13.3164, 24.5464 |
| Hunter-Lab | 11.1572, 9.1420, 7.0351 |

Details

The Hex color **371200** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **002537**, and the grayscale version is **1B1B1B**.

A 20% lighter version of the original color is **693E2F**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **371200**, and if you desaturate by 10%, it is **371605**.

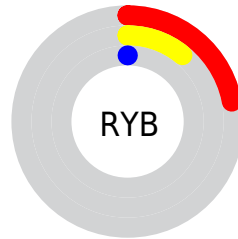
Distribution



Red (22%)

Green (7%)

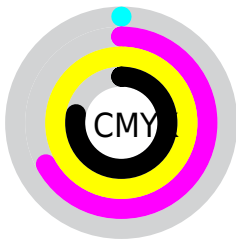
Blue (0%)



Red (22%)

Yellow (11%)

Blue (0%)

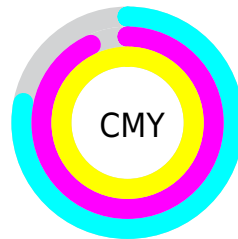


Cyan (0%)

Magenta (67%)

Yellow (100%)

Black (78%)



Cyan (78%)

Magenta (93%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 371200 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 371200 by changing the saturation by 10% instead.

 371200

 371200

 FFF5E2

 210000

 693E2F

 000000

 835546

 9E6E5E

 BA8776

 D6A190

 F3BDAB

 FFD8C6

 371200

■ 371605

■ 37190B

■ 371D11

■ 372116

■ 37251C

■ 372821

■ 372C27

■ 37302C

■ 373332

Harmonies

Analogous

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



3A0D16



371200



2D1900

Triad

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



371200



002414



081D3D

Complementary

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



371200



002537

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.



00223D



371200



002525

Square

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



371200



0E2200



002434



281535

Rectangle

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



371200



241D00



002434



001E3E

Sweetspot

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



371200



473932



370026



241B17



A3A3A3



242424

Same Dimension

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



371200



471700



372D00



1C1A19



5C1E00



DB4800

Inverse Universe

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



002537



003047



000A37



191B1C



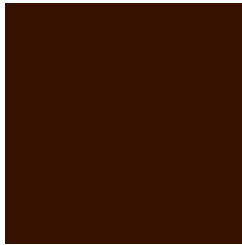
003E5C



0094DB

Previews

White Background



This preview shows how the Hex color 371200 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

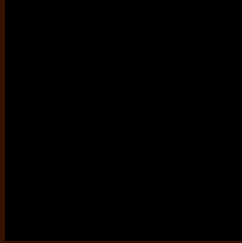
Any Text WCAG AA × Fail

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 371200 Background



This preview shows how black text looks on a background with the Hex color 371200.

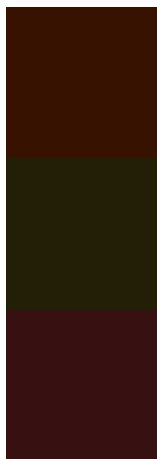


This preview shows how white text looks on a background with the Hex color 371200.

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
371200

Protanopia
231F06

Tritanopia
371112

Trichromacy



Original Color
371200

Protanomaly
2A1A04

Tritanomaly
37110B

Monochromacy



Original Color
371200

Achromatopsia
1B1B1B

Achromatomaly
251811

CSS Examples

Text

The CSS property to change the color of the text to Hex 371200 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 #371200 looks like.

```
.text, #text, p{  
    color:#371200  
}
```

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 #371200 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #371200
}
```

Border

The CSS property to change the border of an element to Hex 371200 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".

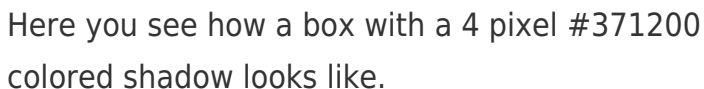
```
.border, #border, table{ border:4px solid
#371200 }
```

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

```
.border{ border-color:#371200 }
```

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

Here you see how a box with a 4 pixel #371200 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #371200; -webkit-box-shadow:4px 4px  
4px 4px #371200; box-shadow:4px 4px 4px  
4px #371200 }
```

Background

The CSS property to change the background color of an element to Hex 371200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#371200 }
```

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

```
.background{ background-color:#371200 }
```

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