

Converting Colors

Hex(382800)

Have a look what the booklet for
Hex(382800) contains.

Hex(382800)	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(382800)

Conversions

Conversions Part 1

Format	Color
Hex	382800
RGB	56, 40, 0
RGB Percent	22%, 16%, 0%
CMY	0.7804, 0.8431, 1.0000
CMYK	0.00, 0.29, 1.00, 0.78
HSL	43°, 100%, 11%
HSV	43°, 100%, 22%
XYZ	2.3897, 2.3583, 0.3293
YIQ	40.2240, 22.3760, -9.0480

Conversions

Conversions Part 2

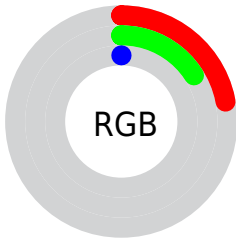
Format	Color
R_YB	22, 56, 0
Decimal	3680256
CIE Lab	17.27, 3.09, 25.06
CIE LCh	17, 25.249, 82.966
Yxy	2.3583, 0.4707, 0.4645
Android (android.graphics.Color)	4281870336 (0xFF382800)
YUV	40.2240, -19.8304, 13.8356
Hunter-Lab	15.3569, 0.9018, 9.4786

Details

The Hex color **382800** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **001038**, and the grayscale version is **282828**.

A 20% lighter version of the original color is **69552F**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **382800**, and if you desaturate by 10%, it is **382A06**.

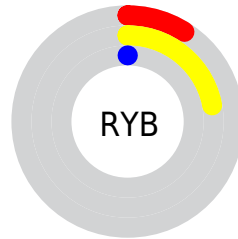
Distribution



Red (22%)

Green (16%)

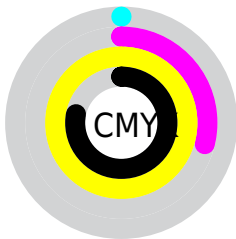
Blue (0%)



Red (9%)

Yellow (22%)

Blue (0%)

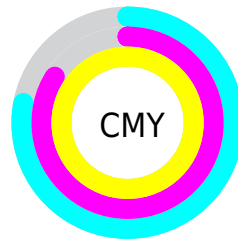


Cyan (0%)

Magenta (29%)

Yellow (100%)

Black (78%)



Cyan (78%)

Magenta (84%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 382800 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 382800 by changing the saturation by 10% instead.

 382800

 382800

 FFFFE3

 211400

 69552F

 000000

 836D46

 9E865E

 B9A077

 D6BB91

 F2D7AB

 FFF3C7

 382800

■ 382A06

■ 382B0B

■ 382D11

■ 382E16

■ 38301C

■ 383222

■ 383327

■ 38352D

■ 383632

Harmonies

Analogous

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



45210D



382800



272E03

Triad

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



382800



003338



3C2040

Complementary

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



382800



001038

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.



23274C



382800



003247

Square

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



382800



003325



002E4E



491A2F

Rectangle

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



382800



18300E



002E4E



352245

Sweetspot

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



382800



4A4434



380011



262218



A6A6A6



262626

Same Dimension

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



382800



4A3500



2D3800



1C1B19



5C4200



DB9D00

Inverse Universe

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



001038



00154A



0B0038



191A1C



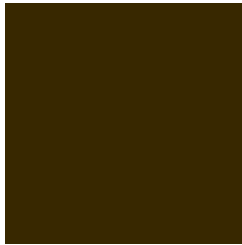
001A5C



003FDB

Previews

White Background



This preview shows how the Hex color 382800 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

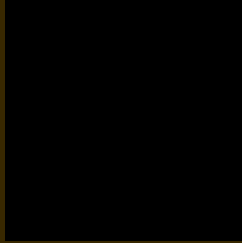
Any Text WCAG AA × Fail

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 382800 Background



This preview shows how black text looks on a background with the Hex color 382800.



This preview shows how white text looks on a background with the Hex color 382800.

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](#).

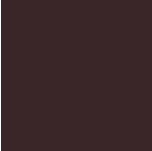
Dichromacy



Original Color
382800

Protanopia
302B03

Deuteranopia
362900



Tritanopia
3A2528

Trichromacy



Original Color
382800

Protanomaly
332A02

Deuteranomaly
372900

Tritanomaly
392619

Monochromacy



Original Color
382800

Achromatopsia
282828

Achromatomaly
2E2819

CSS Examples

Text

The CSS property to change the color of the text to Hex 382800 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 #382800 looks like.

```
.text, #text, p{  
    color:#382800  
}
```

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 #382800 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #382800
}
```

Border

The CSS property to change the border of an element to Hex 382800 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".

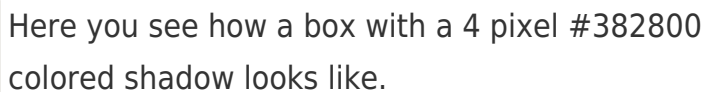
```
.border, #border, table{ border:4px solid
#382800 }
```

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

```
.border{ border-color:#382800 }
```

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

Here you see how a box with a 4 pixel #382800 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #382800; -webkit-box-shadow:4px 4px  
4px 4px #382800; box-shadow:4px 4px 4px  
4px #382800 }
```

Background

The CSS property to change the background color of an element to Hex 382800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#382800 }
```

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

```
.background{ background-color:#382800 }
```

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