

# Converting Colors

Hex(384800)

Have a look what the booklet for  
Hex(384800) contains.

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# Color

**Hex(384800)**

# Conversions

## Conversions Part 1

Format	Color
Hex	384800
RGB	56, 72, 0
RGB Percent	22%, 28%, 0%
CMY	0.7804, 0.7176, 1.0000
CMYK	0.22, 0.00, 1.00, 0.72
HSL	73°, 100%, 14%
HSV	73°, 100%, 28%
XYZ	3.9483, 5.4755, 0.8488
YIQ	59.0080, 13.5760, -25.7840

# Conversions

## Conversions Part 2

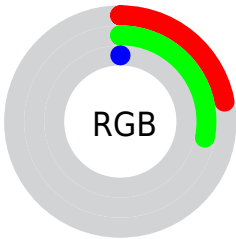
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 72, 16
Decimal	3688448
CIELab	28.05, -16.70, 36.22
CIELCh	28, 39.884, 114.754
Yxy	5.4755, 0.3844, 0.5330
Android (android.graphics.Color)	4281878528 (0xFF384800)
YUV	59.0080, -29.0909, -2.6380
Hunter-Lab	23.3997, -10.8312, 14.2292

# Details

The Hex color **384800** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **100048**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **6A7832**, and **021D00** is the 20% darker color. If you saturate the color by 10%, you get **384800**, and if you desaturate by 10%, it is **3A4807**.

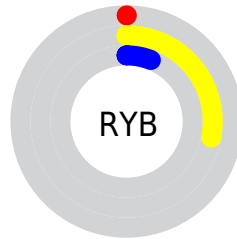
# Distribution



Red (22%)

Green (28%)

Blue (0%)



Red (0%)

Yellow (28%)

Blue (6%)

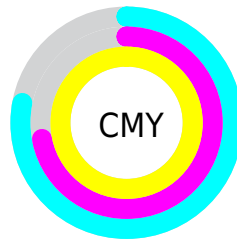


Cyan (22%)

Magenta (0%)

Yellow (100%)

Black (72%)



Cyan (78%)

Magenta (72%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 384800 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 384800 by changing the saturation by 10% instead.



 384800

 384800

 FFFFEA

 213100

 6A7832

 021D00

 84924A

 000000

 9FAD63

 BAC87D

 D6E497

 F3FFB2

 FFFFCE

 384800

■ 3A4807

■ 3B480E

■ 3D4816

■ 3E481D

■ 404824

■ 42482B

■ 434832

■ 45483A

■ 464841

# Harmonies

## Analogous

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



553F00



384800



054D1C

# Triad

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



384800



004E74



762349

# Complementary

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



384800



100048

# 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.



622E66



384800



004780

# Square

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



384800



00505B



363C7A



78252A

# Rectangle

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



384800



004F31



363C7A



712553



# Sweetspot

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



384800



585E42



481000



2D301F



B0B0B0



303030



# Same Dimension

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



384800



495E00



144800



232420



4D6300



B1E300



# Inverse Universe

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



100048



15005E



340048



212024



160063

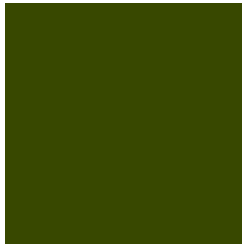


3200E3



# Previews

## White Background



This preview shows how the Hex color 384800 looks on a white background.

## Color Contrast Check

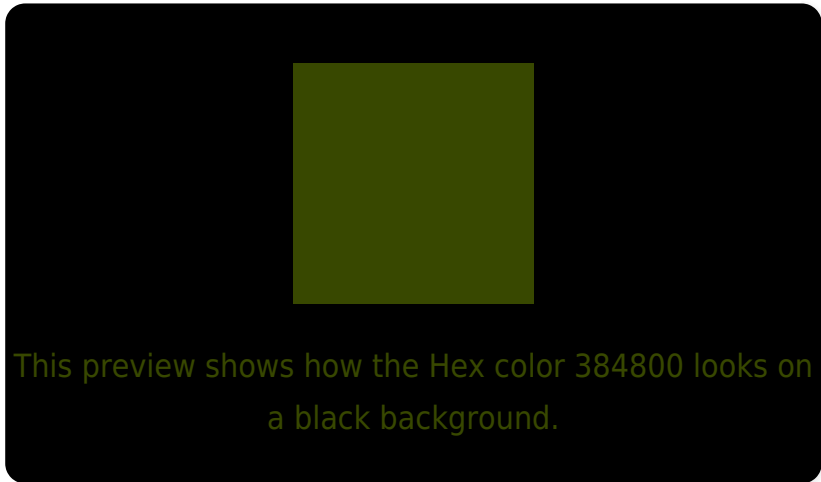
Large Text (above 18pt) WCAG AA ✓ Pass

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

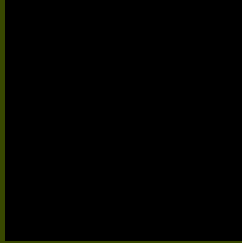
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 384800 Background



This preview shows how black text looks on a background with the Hex color 384800.



This preview shows how white text looks on a background with the Hex color 384800.

# 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](#).

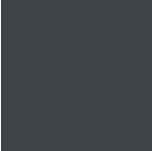
## Dichromacy



**Original Color**  
384800

**Protanopia**  
4B4200

**Deuteranopia**  
543F0D



**Tritanopia**  
3E4348

# Trichromacy



**Original Color**  
384800

**Protanomaly**  
444400

**Deuteranomaly**  
4A4208

**Tritanomaly**  
3C452E

# Monochromacy



**Original Color**  
384800

**Achromatopsia**  
3B3B3B

**Achromatomaly**  
3A4026

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 384800 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 #384800 looks like.

```
.text, #text, p{  
    color:#384800  
}
```

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 #384800 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #384800
}
```

## Border

The CSS property to change the border of an element to Hex 384800 is called "border". The border property can be set on classes, ids or directly on the HTML element.

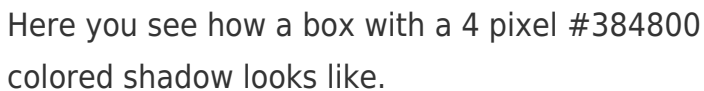
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#384800 }
```

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

```
.border{ border-color:#384800 }
```

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



Here you see how a box with a 4 pixel #384800 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #384800; -webkit-box-shadow:4px 4px  
4px 4px #384800; box-shadow:4px 4px 4px  
4px #384800 }
```

# Background

The CSS property to change the background color of an element to Hex 384800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#384800 }
```

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

```
.background{ background-color:#384800 }
```

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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