

# Converting Colors

Hex(385013)

Have a look what the booklet for  
Hex(385013) contains.

<b>Hex(385013)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(385013)**

# Conversions

## Conversions Part 1

Format	Color
Hex	385013
RGB	56, 80, 19
RGB Percent	22%, 31%, 7%
CMY	0.7804, 0.6863, 0.9255
CMYK	0.30, 0.00, 0.76, 0.69
HSL	84°, 62%, 19%
HSV	84°, 76%, 31%
XYZ	4.6171, 6.6251, 1.6515
YIQ	65.8700, 5.2770, -24.0590

# Conversions

## Conversions Part 2

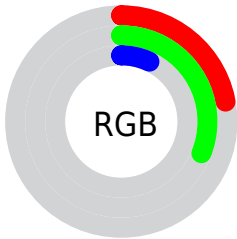
Format	Color
<b>RYB</b>	19, 80, 43
Decimal	3690515
CIELab	30.94, -19.88, 31.42
CIELCh	31, 37.181, 122.323
Yxy	6.6251, 0.3581, 0.5138
Android (android.graphics.Color)	4281880595 (0xFF385013)
YUV	65.8700, -23.1069, -8.6560
Hunter-Lab	25.7393, -13.0245, 14.2132

# Details

The Hex color **385013** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **2B1350**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **698142**, and **082300** is the 20% darker color. If you saturate the color by 10%, you get **35500B**, and if you desaturate by 10%, it is **3B501B**.

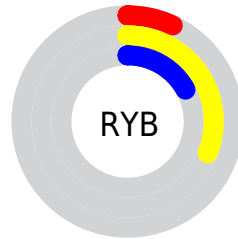
# Distribution



Red (22%)

Green (31%)

Blue (7%)



Red (7%)

Yellow (31%)

Blue (17%)

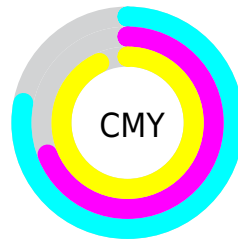


Cyan (30%)

Magenta (0%)

Yellow (76%)

Black (69%)



Cyan (78%)

Magenta (69%)

Yellow (93%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 385013 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 385013 by changing the saturation by 10% instead.



 385013

 385013

FFFFFFC

 213900

 698142

 082300

 839B5A

 000600

 9EB673

 000000

 B9D28D

 D5EEA8

 F2FFC3

 FFFFEO

 385013

 385013

■ 35500B

■ 3B501B

■ 325003

■ 3E5023

■ 315000

■ 41502B

■ 455033

■ 48503B

■ 4B5043

■ 4E504B

■ 515053

■ 54505B

# Harmonies

## Analogous

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



564807



385013



01552C

# Triad

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



385013



00537C



7C2D48

# Complementary

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



385013



2B1350

# 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.



6E3364



385013



004B83

# Square

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



385013



005667



4C407A



7B322B

# Rectangle

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



385013



005640



4C407A



792E52



# Sweetspot

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



385013



5F6951



502A13



303627



B5B5B5



363636



# Same Dimension

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



385013



436908



1A5013



272925



3F6900



8DE800



# Inverse Universe

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



2B1350



2E0869



491350



262529



290069

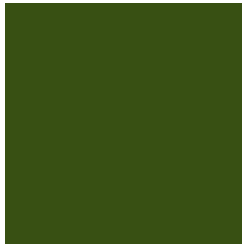


5B00E8



# Previews

## White Background



This preview shows how the Hex color 385013 looks on a white background.

## Color Contrast Check

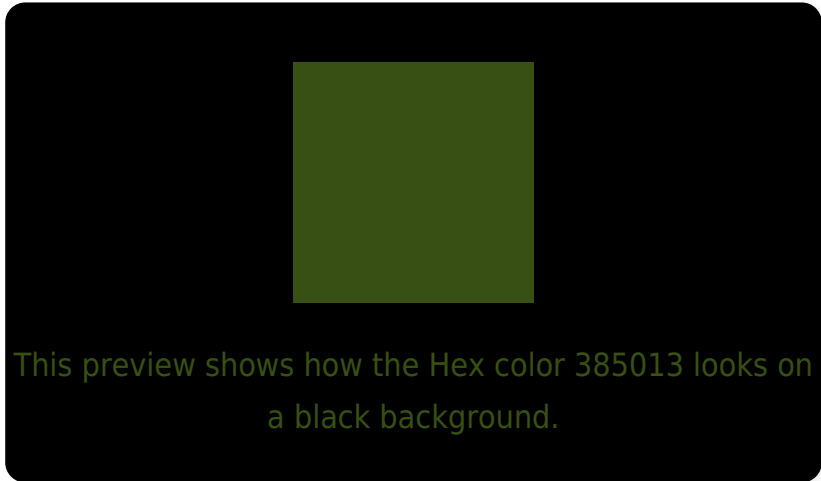
Large Text (above 18pt) WCAG AA ✓ Pass

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

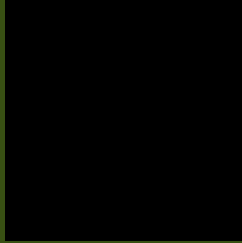
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 385013 Background



This preview shows how black text looks on a background with the Hex color 385013.



This preview shows how white text looks on a background with the Hex color 385013.

# 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**  
385013

**Protanopia**  
524911

**Deuteranopia**  
5B4518



**Tritanopia**  
3F4B51

# Trichromacy



**Original Color**  
385013

**Protanomaly**  
494C12

**Deuteranomaly**  
4E4916

**Tritanomaly**  
3C4D3A

# Monochromacy



**Original Color**  
385013

**Achromatopsia**  
424242

**Achromatomaly**  
3E4731

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 385013 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 #385013 looks like.

```
.text, #text, p{  
    color:#385013  
}
```

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 #385013 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #385013
}
```

## Border

The CSS property to change the border of an element to Hex 385013 is called "border". The border property can be set on classes, ids or directly on the HTML element.

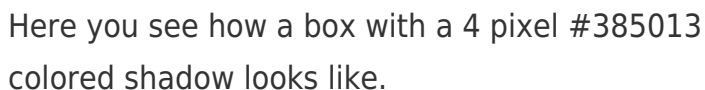
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#385013 }
```

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

```
.border{ border-color:#385013 }
```

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



Here you see how a box with a 4 pixel #385013 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #385013; -webkit-box-shadow:4px 4px  
4px 4px #385013; box-shadow:4px 4px 4px  
4px #385013 }
```

# Background

The CSS property to change the background color of an element to Hex 385013 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#385013 }
```

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

```
.background{ background-color:#385013 }
```

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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