

# Converting Colors

Hex(3C280D)

Have a look what the booklet for  
Hex(3C280D) contains.

<b>Hex(3C280D)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(3C280D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3C280D
RGB	60, 40, 13
RGB Percent	24%, 16%, 5%
CMY	0.7647, 0.8431, 0.9490
CMYK	0.00, 0.33, 0.78, 0.76
HSL	34°, 64%, 14%
HSV	34°, 78%, 24%
XYZ	2.6949, 2.5073, 0.7227
YIQ	42.9020, 20.5870, -4.1570

# Conversions

## Conversions Part 2

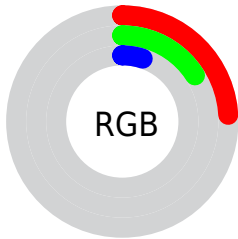
<b>Format</b>	<b>Color</b>
<b>RYB</b>	48, 60, 13
Decimal	3942413
CIELab	17.95, 6.12, 20.61
CIELCh	18, 21.504, 73.458
Yxy	2.5073, 0.4548, 0.4232
Android (android.graphics.Color)	4282132493 (0xFF3C280D)
YUV	42.9020, -14.7417, 14.9949
Hunter-Lab	15.8345, 2.6692, 8.3781

# Details

The Hex color **3C280D** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **0D213C**, and the grayscale version is **2B2B2B**.

A 20% lighter version of the original color is **6E5538**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **3C2507**, and if you desaturate by 10%, it is **3C2B13**.

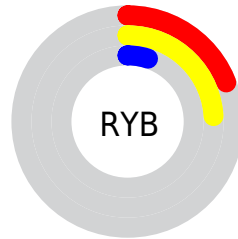
# Distribution



Red (24%)

Green (16%)

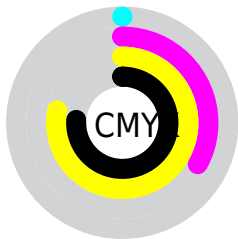
Blue (5%)



Red (19%)

Yellow (24%)

Blue (5%)

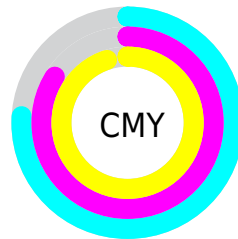


Cyan (0%)

Magenta (33%)

Yellow (78%)

Black (76%)



Cyan (76%)

Magenta (84%)

Yellow (95%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3C280D 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 3C280D by changing the saturation by 10% instead.



 3C280D

 3C280D

 FFFFEE

 251400

 6E5538

 000000

 886D4F

 A28668

 BEA181

 DABC9B

 F7D7B6

 FFF4D2

 3C280D

 3C280D

■ 3C2507

■ 3C2B13

■ 3C2301

■ 3C2D19

■ 3C2200

■ 3C301F

■ 3C3225

■ 3C352B

■ 3C3731

■ 3C3A37

■ 3C3C3D

■ 3C3F43

# Harmonies

## Analogous

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



462217



3C280D



2E2D0B

# Triad

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



3C280D



003433



362542

# Complementary

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



3C280D



0D213C

# 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.



1E2B4A



3C280D



003341

# Square

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



3C280D



023323



003049



442035

# Rectangle

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



3C280D



233011



003049



2F2746



# Sweetspot

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



3C280D



4F473C



3C0D21



29241D



A8A8A8



292929



# Same Dimension

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



3C280D



4F2F05



393C0D



1F1D1C



5E3600



DE7F00



# Inverse Universe

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



0D213C



05244F



100D3C



1C1D1F



00285E



005EDE



# Previews

## White Background



This preview shows how the Hex color 3C280D looks on a white background.

## Color Contrast Check

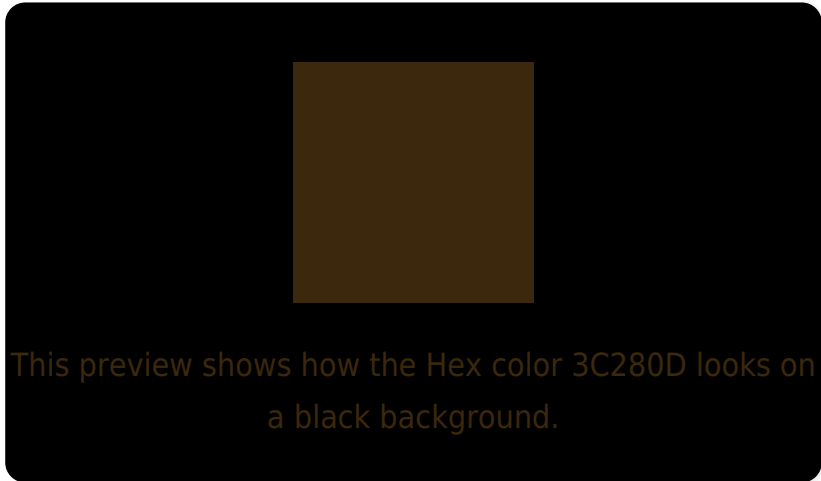
Large Text (above 18pt) WCAG AA ✓ Pass

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

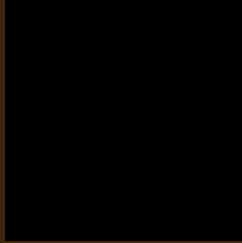
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 3C280D Background



This preview shows how black text looks on a background with the Hex color 3C280D.

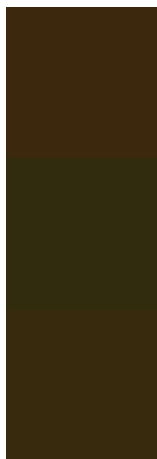


This preview shows how white text looks on a background with the Hex color 3C280D.

# 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**  
3C280D

**Protanopia**  
322C0E

**Deuteranopia**  
382A0C



**Tritanopia**  
3E2528

# Trichromacy



**Original Color**  
3C280D

**Protanomaly**  
362B0E

**Deuteranomaly**  
39290C

**Tritanomaly**  
3D261E

# Monochromacy



**Original Color**  
3C280D

**Achromatopsia**  
2B2B2B

**Achromatomaly**  
312A20

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3C280D 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 #3C280D looks like.

```
.text, #text, p{  
    color:#3C280D  
}
```

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 #3C280D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3C280D
}
```

## Border

The CSS property to change the border of an element to Hex 3C280D 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".

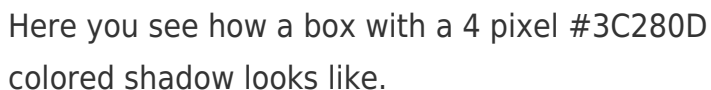
```
.border, #border, table{ border:4px solid
#3C280D }
```

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

```
.border{ border-color:#3C280D }
```

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

Here you see how a box with a 4 pixel #3C280D colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3C280D; -webkit-box-shadow:4px 4px  
4px 4px #3C280D; box-shadow:4px 4px 4px  
4px #3C280D }
```

# Background

The CSS property to change the background color of an element to Hex 3C280D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3C280D }
```

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

```
.background{ background-color:#3C280D }
```

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