

# Converting Colors

Hex(3C230F)

Have a look what the booklet for  
Hex(3C230F) contains.

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# Color

Hex(3C230F)

# Conversions

## Conversions Part 1

Format	Color
Hex	3C230F
RGB	60, 35, 15
RGB Percent	24%, 14%, 6%
CMY	0.7647, 0.8627, 0.9412
CMYK	0.00, 0.42, 0.75, 0.76
HSL	27°, 60%, 15%
HSV	27°, 75%, 24%
XYZ	2.5507, 2.1972, 0.7416
YIQ	40.1950, 21.3200, -0.9200

# Conversions

## Conversions Part 2

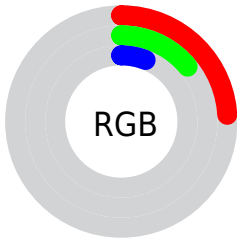
<b>Format</b>	<b>Color</b>
<b>RYB</b>	60, 51, 15
Decimal	3941135
CIELab	16.49, 9.65, 17.82
CIELCh	16, 20.270, 61.558
Yxy	2.1972, 0.4647, 0.4003
Android (android.graphics.Color)	4282131215 (0xFF3C230F)
YUV	40.1950, -12.4211, 17.3690
Hunter-Lab	14.8230, 4.7760, 7.4098

# Details

The Hex color **3C230F** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **0F283C**, and the grayscale version is **282828**.

A 20% lighter version of the original color is **6E503A**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **3C2009**, and if you desaturate by 10%, it is **3C2615**.

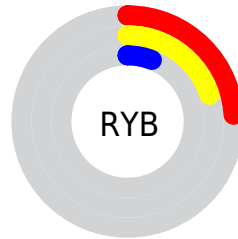
# Distribution



Red (24%)

Green (14%)

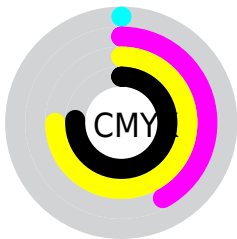
Blue (6%)



Red (24%)

Yellow (20%)

Blue (6%)

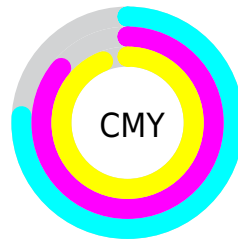


Cyan (0%)

Magenta (42%)

Yellow (75%)

Black (76%)



Cyan (76%)

Magenta (86%)

Yellow (94%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3C230F 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 3C230F by changing the saturation by 10% instead.



 3C230F

 3C230F

 FFFFEF

 250E00

 6E503A

 000000

 886851

 A38169

 BE9B82

 DBB69C

 F7D1B7

 FFEDD3

 3C230F

 3C230F

■ 3C2009

■ 3C2615

■ 3C1C03

■ 3C2A1B

■ 3C1B00

■ 3C2D21

■ 3C3027

■ 3C342D

■ 3C3733

■ 3C3A39

■ 3C3E3F

■ 3C4145

# Harmonies

## Analogous

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



431E1A



3C230F



312809

# Triad

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



3C230F



003029



2B2541

# Complementary

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



3C230F



0F283C

# 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.



0F2A46



3C230F



003037

# Square

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



3C230F



0E2F1A



002E42



3B1F37

# Rectangle

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



3C230F



272B0C



002E42



232744



# Sweetspot

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



3C230F



4F453D



3C0F28



29221D



A8A8A8



292929



# Same Dimension

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



3C230F



4F2808



3C390F



1F1D1C



5E2A00



DE6300



# Inverse Universe

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



0F283C



082F4F



0F123C



1C1D1F



00345E



007BDE



# Previews

## White Background



This preview shows how the Hex color 3C230F 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

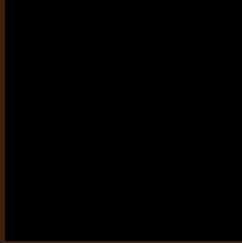
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 3C230F Background



This preview shows how black text looks on a background with the Hex color 3C230F.

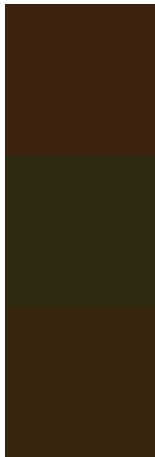


This preview shows how white text looks on a background with the Hex color 3C230F.

# 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



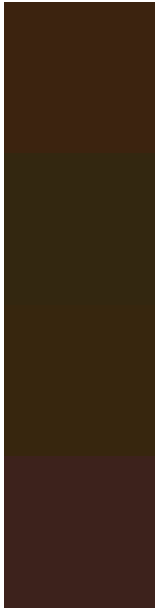
**Original Color**  
3C230F

**Protanopia**  
2E2911

**Deuteranopia**  
34270E



# Trichromacy



**Original Color**  
3C230F

**Protanomaly**  
332710

**Deuteranomaly**  
37260E

**Tritanomaly**  
3D221C

# Monochromacy



**Original Color**  
3C230F

**Achromatopsia**  
282828

**Achromatomaly**  
2F261F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3C230F 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 #3C230F looks like.

```
.text, #text, p{  
    color:#3C230F  
}
```

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 #3C230F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3C230F
}
```

## Border

The CSS property to change the border of an element to Hex 3C230F is called "border". The border property can be set on classes, ids or directly on the HTML element.

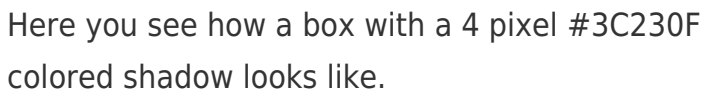
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3C230F }
```

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

```
.border{ border-color:#3C230F }
```

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



Here you see how a box with a 4 pixel #3C230F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3C230F; -webkit-box-shadow:4px 4px  
4px 4px #3C230F; box-shadow:4px 4px 4px  
4px #3C230F }
```

# Background

The CSS property to change the background color of an element to Hex 3C230F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3C230F }
```

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

```
.background{ background-color:#3C230F }
```

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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