

# Converting Colors

Hex(3E200E)

Have a look what the booklet for  
Hex(3E200E) contains.

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# Color

**Hex(3E200E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3E200E
RGB	62, 32, 14
RGB Percent	24%, 13%, 5%
CMY	0.7569, 0.8745, 0.9451
CMYK	0.00, 0.48, 0.77, 0.76
HSL	22°, 63%, 15%
HSV	22°, 77%, 24%
XYZ	2.5824, 2.0889, 0.6825
YIQ	38.9180, 23.6580, 0.7620

# Conversions

## Conversions Part 2

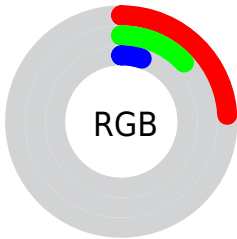
<b>Format</b>	<b>Color</b>
<b>RYB</b>	62, 43, 14
Decimal	4071438
CIELab	15.95, 12.61, 17.73
CIELCh	16, 21.759, 54.578
Yxy	2.0889, 0.4823, 0.3902
Android (android.graphics.Color)	4282261518 (0xFF3E200E)
YUV	38.9180, -12.2846, 20.2429
Hunter-Lab	14.4529, 6.6011, 7.3170

# Details

The Hex color **3E200E** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **0E2C3E**, and the grayscale version is **272727**.

A 20% lighter version of the original color is **704C39**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **3E1C08**, and if you desaturate by 10%, it is **3E2414**.

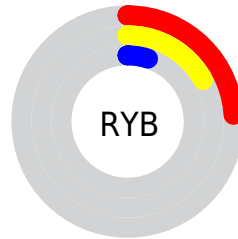
# Distribution



Red (24%)

Green (13%)

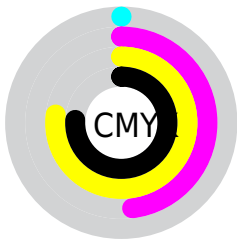
Blue (5%)



Red (24%)

Yellow (17%)

Blue (5%)

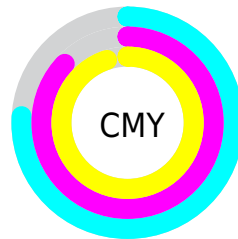


Cyan (0%)

Magenta (48%)

Yellow (77%)

Black (76%)



Cyan (76%)

Magenta (87%)

Yellow (95%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3E200E 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 3E200E by changing the saturation by 10% instead.



 3E200E

 3E200E

 FFFFEE

 270B00

 704C39

 000000

 8B6450

 A67D68

 C29781

 DEB29B

 FBCEB6

 FFEAD2

 3E200E

 3E200E

■ 3E1C08

■ 3E2414

■ 3E1802

■ 3E281A

■ 3E1700

■ 3E2C21

■ 3E3027

■ 3E332D

■ 3E3733

■ 3E3B39

■ 3E3F40

■ 3E4346

# Harmonies

## Analogous

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



441B1C



3E200E



332604

# Triad

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



3E200E



002F24



242544

# Complementary

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



3E200E



0E2C3E

# 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.



002A46



3E200E



002F34

# Square

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



3E200E



102E15



002E41



381E3A

# Rectangle

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



3E200E



292905



002E41



1A2746



# Sweetspot

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



3E200E



52463F



3E0E2C



29221D



A8A8A8



292929



# Same Dimension

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



3E200E



522206



3E380E



1F1D1C



5E2300



DE5300



# Inverse Universe

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



0E2C3E



063552



0E143E



1C1D1F



003B5E

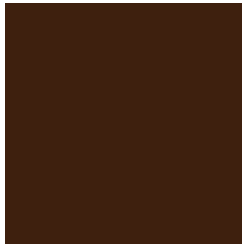


008BDE



# Previews

## White Background



This preview shows how the Hex color 3E200E looks on a white background.

## Color Contrast Check

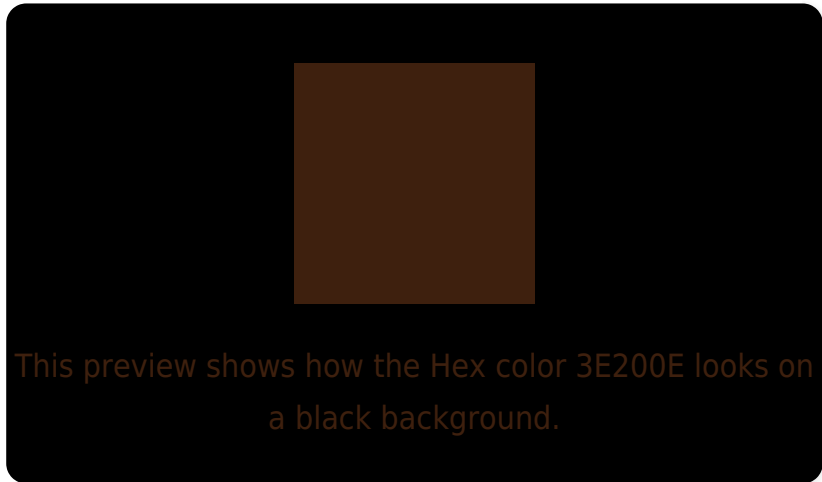
Large Text (above 18pt) WCAG AA ✓ Pass

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

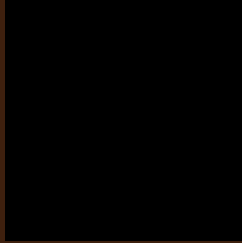
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 3E200E Background



This preview shows how black text looks on a background with the Hex color 3E200E.

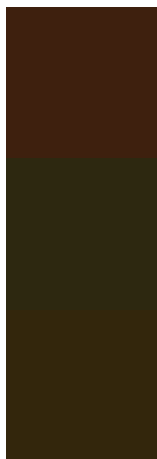


This preview shows how white text looks on a background with the Hex color 3E200E.

# 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



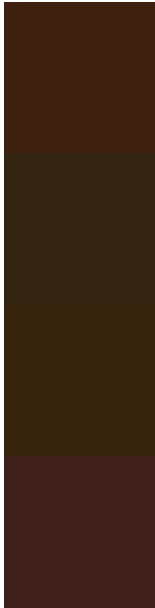
**Original Color**  
3E200E

**Protanopia**  
2D2810

**Deuteranopia**  
33260C



# Trichromacy



**Original Color**  
3E200E

**Protanomaly**  
33250F

**Deuteranomaly**  
37240D

**Tritanomaly**  
3F1F19

# Monochromacy



**Original Color**  
3E200E

**Achromatopsia**  
272727

**Achromatomaly**  
2F241E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3E200E 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 #3E200E looks like.

```
.text, #text, p{  
    color:#3E200E  
}
```

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 #3E200E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3E200E
}
```

## Border

The CSS property to change the border of an element to Hex 3E200E is called "border". The border property can be set on classes, ids or directly on the HTML element.

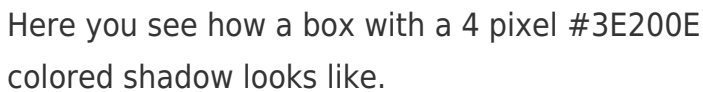
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3E200E }
```

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

```
.border{ border-color:#3E200E }
```

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



Here you see how a box with a 4 pixel #3E200E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3E200E; -webkit-box-shadow:4px 4px  
4px 4px #3E200E; box-shadow:4px 4px 4px  
4px #3E200E }
```

# Background

The CSS property to change the background color of an element to Hex 3E200E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3E200E }
```

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

```
.background{ background-color:#3E200E }
```

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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