

Converting Colors

Hex(3C450A)

Have a look what the booklet for
Hex(3C450A) contains.

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Color

Hex(3C450A)

Conversions

Conversions Part 1

Format	Color
Hex	3C450A
RGB	60, 69, 10
RGB Percent	24%, 27%, 4%
CMY	0.7647, 0.7294, 0.9608
CMYK	0.13, 0.00, 0.86, 0.73
HSL	69°, 75%, 15%
HSV	69°, 86%, 27%
XYZ	4.0464, 5.2388, 1.0851
YIQ	59.5830, 13.5750, -20.2570

Conversions

Conversions Part 2

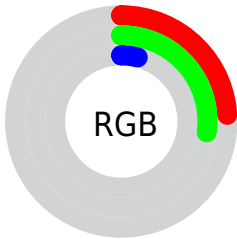
Format	Color
R_{YB}	10, 69, 19
Decimal	3949834
CIE _{Lab}	27.40, -12.50, 31.80
CIE _{LCh}	27, 34.166, 111.463
Yxy	5.2388, 0.3902, 0.5052
Android (android.graphics.Color)	4282139914 (0xFF3C450A)
YUV	59.5830, -24.4444, 0.3657
Hunter-Lab	22.8885, -8.4983, 13.2111

Details

The Hex color **3C450A** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **130A45**, and the grayscale version is **3C3C3C**.

A 20% lighter version of the original color is **6E7539**, and **091B00** is the 20% darker color. If you saturate the color by 10%, you get **3B4503**, and if you desaturate by 10%, it is **3D4511**.

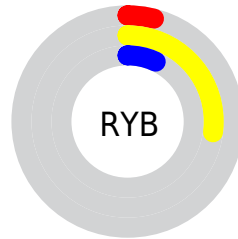
Distribution



Red (24%)

Green (27%)

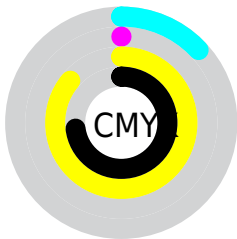
Blue (4%)



Red (4%)

Yellow (27%)

Blue (7%)

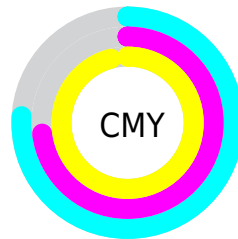


Cyan (13%)

Magenta (0%)

Yellow (86%)

Black (73%)



Cyan (76%)

Magenta (73%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3C450A 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 3C450A by changing the saturation by 10% instead.

 3C450A

 3C450A

 FFFFF2

 262F00

 6E7539

 091B00

 888F51

 000000

 A2A96A

 BEC484

 DAE09E

 F7FDB9

 FFFFD5

 3C450A

 3C450A

■ 3B4503

■ 3D4511

■ 3A4500

■ 3E4518

■ 3F451F

■ 404526

■ 41452D

■ 424533

■ 43453A

■ 444541

■ 454548

Harmonies

Analogous

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



543D07



3C450A



1B4A1E

Triad

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



3C450A



004B69



6C2949

Complementary

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



3C450A



130A45

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.



593162



3C450A



004674

Square

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



3C450A



004D53



333D72



70292F

Rectangle

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



3C450A



004C2F



333D72



682B52

Sweetspot

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



3C450A



565942



45130A



2C2E20



ADADAD



2E2E2E

Same Dimension

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



3C450A



4C5900



1F450A



232420



546300



C0E300

Inverse Universe

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



130A45



0E0059



300A45



212024



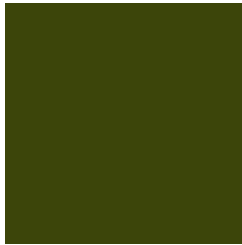
0F0063



2300E3

Previews

White Background



This preview shows how the Hex color 3C450A looks on a white background.

Color Contrast Check

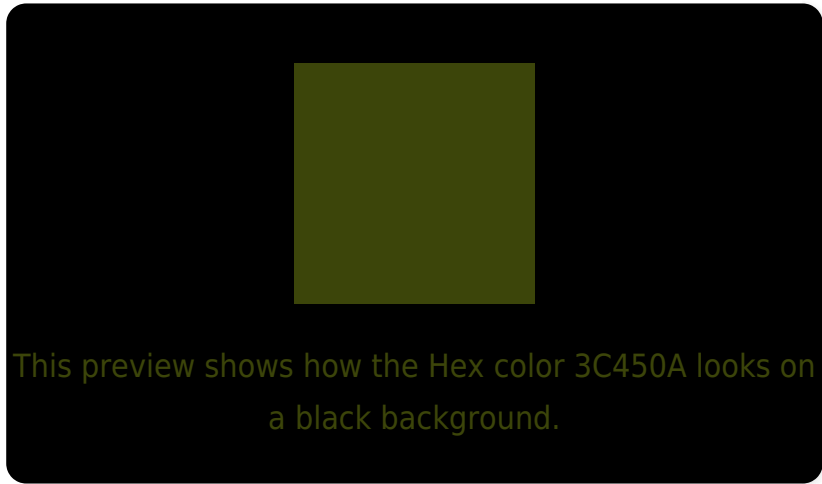
Large Text (above 18pt) WCAG AA ✓ Pass

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

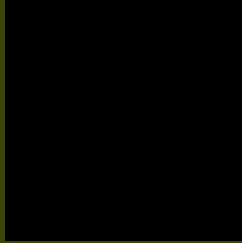
Any Text WCAG AA × Fail

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 3C450A Background



This preview shows how black text looks on a background with the Hex color 3C450A.



This preview shows how white text looks on a background with the Hex color 3C450A.

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
3C450A

Protanopia
494109

Deuteranopia
523D0F



Tritanopia
414045

Trichromacy



Original Color
3C450A

Protanomaly
444209

Deuteranomaly
4A400D

Tritanomaly
3F4230

Monochromacy



Original Color
3C450A

Achromatopsia
3C3C3C

Achromatomaly
3C3F2A

CSS Examples

Text

The CSS property to change the color of the text to Hex 3C450A 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 #3C450A looks like.

```
.text, #text, p{  
    color:#3C450A  
}
```

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 #3C450A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3C450A
}
```

Border

The CSS property to change the border of an element to Hex 3C450A 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
#3C450A }
```

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

```
.border{ border-color:#3C450A }
```

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

Here you see how a box with a 4 pixel #3C450A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3C450A; -webkit-box-shadow:4px 4px  
4px 4px #3C450A; box-shadow:4px 4px 4px  
4px #3C450A }
```

Background

The CSS property to change the background color of an element to Hex 3C450A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3C450A }
```

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

```
.background{ background-color:#3C450A }
```

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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