

Converting Colors

Hex(45390B)

Have a look what the booklet for
Hex(45390B) contains.

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Color

Hex(45390B)

Conversions

Conversions Part 1

Format	Color
Hex	45390B
RGB	69, 57, 11
RGB Percent	27%, 22%, 4%
CMY	0.7294, 0.7765, 0.9569
CMYK	0.00, 0.17, 0.84, 0.73
HSL	48°, 72%, 16%
HSV	48°, 84%, 27%
XYZ	3.9778, 4.2156, 0.9207
YIQ	55.3440, 21.9180, -11.7620

Conversions

Conversions Part 2

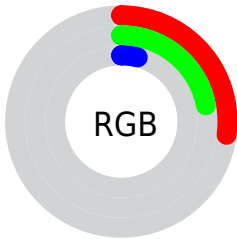
Format	Color
R_{YB}	26, 69, 11
Decimal	4536587
CIE Lab	24.37, -0.42, 28.85
CIE LCh	24, 28.855, 90.837
Yxy	4.2156, 0.4364, 0.4625
Android (android.graphics.Color)	4282726667 (0xFF45390B)
YUV	55.3440, -21.8616, 11.9763
Hunter-Lab	20.5320, -1.3492, 11.7138

Details

The Hex color **45390B** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **0B1745**, and the grayscale version is **383838**.

A 20% lighter version of the original color is **786838**, and **140F00** is the 20% darker color. If you saturate the color by 10%, you get **453804**, and if you desaturate by 10%, it is **453A12**.

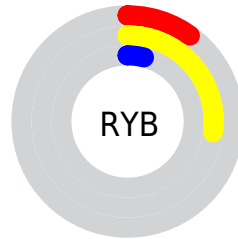
Distribution



Red (27%)

Green (22%)

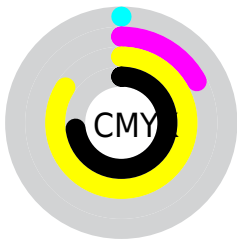
Blue (4%)



Red (10%)

Yellow (27%)

Blue (4%)

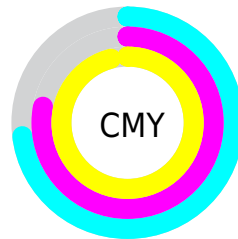


Cyan (0%)

Magenta (17%)

Yellow (84%)

Black (73%)



Cyan (73%)

Magenta (78%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 45390B 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 45390B by changing the saturation by 10% instead.



45390B



45390B



FFFFFF0



2E2400



786838



140F00



928150



000000



AD9B68



C9B582



E6D19C



FFEDB7



FFFFD3



45390B



45390B

■ 453804

■ 453A12

■ 453700

■ 453C19

■ 453D20

■ 453F27

■ 45402E

■ 454234

■ 45433B

■ 454442

■ 454649

Harmonies

Analogous

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



563114



45390B



2F3F12

Triad

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



45390B



004450



552B4F

Complementary

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



45390B



0B1745

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.



3B345F



45390B



004260

Square

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



45390B



00443A



043C65



61263A

Rectangle

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



45390B



1C421D



043C65



4E2E56

Sweetspot

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



45390B



595543



450B18



2E2B20



ADADAD



2E2E2E

Same Dimension

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



45390B



594700



35450B



242320



634F00



E3B400

Inverse Universe

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



0B1745



001259



1B0B45



202124



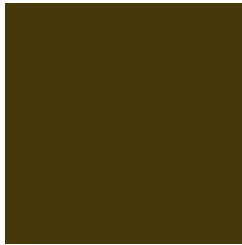
001563



002FE3

Previews

White Background



This preview shows how the Hex color 45390B looks on a white background.

Color Contrast Check

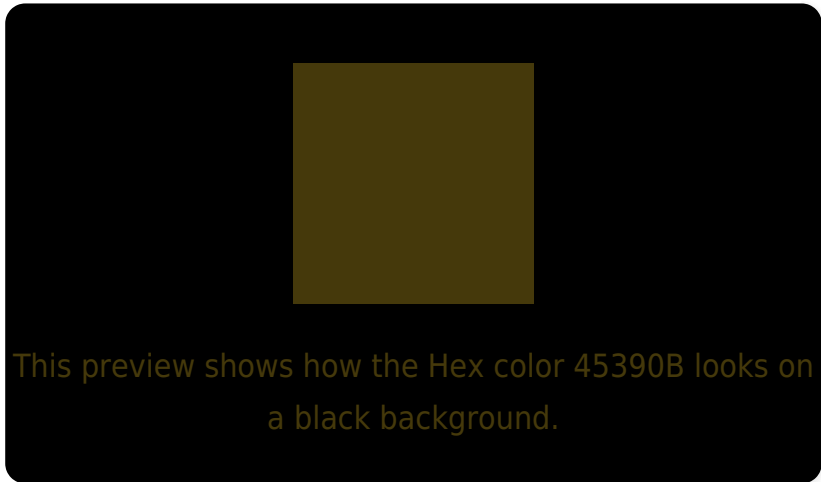
Large Text (above 18pt) WCAG AA ✓ Pass

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

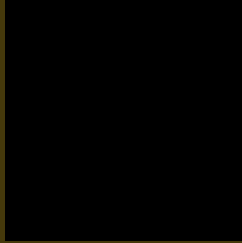
Any Text WCAG AA × Fail

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 45390B Background



This preview shows how black text looks on a background with the Hex color 45390B.

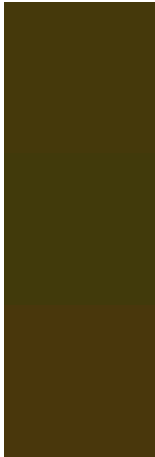


This preview shows how white text looks on a background with the Hex color 45390B.

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](#).

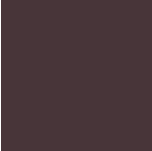
Dichromacy



Original Color
45390B

Protanopia
413A0B

Deuteranopia
49370C



Tritanopia
483539

Trichromacy



Original Color

45390B

Protanomaly

423A0B

Deuteranomaly

48380C

Tritanomaly

473628

Monochromacy



Original Color

45390B

Achromatopsia

373737

Achromatomaly

3C3827

CSS Examples

Text

The CSS property to change the color of the text to Hex 45390B 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 #45390B looks like.

```
.text, #text, p{  
    color:#45390B  
}
```

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 #45390B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #45390B
}
```

Border

The CSS property to change the border of an element to Hex 45390B 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".

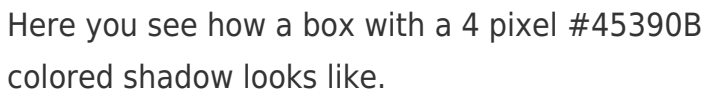
```
.border, #border, table{ border:4px solid
#45390B }
```

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

```
.border{ border-color:#45390B }
```

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

Here you see how a box with a 4 pixel #45390B colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #45390B; -webkit-box-shadow:4px 4px  
4px 4px #45390B; box-shadow:4px 4px 4px  
4px #45390B }
```

Background

The CSS property to change the background color of an element to Hex 45390B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#45390B }
```

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

```
.background{ background-color:#45390B }
```

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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