

# Converting Colors

Hex(45390E)

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

<b>Hex(45390E)</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(45390E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	45390E
RGB	69, 57, 14
RGB Percent	27%, 22%, 5%
CMY	0.7294, 0.7765, 0.9451
CMYK	0.00, 0.17, 0.80, 0.73
HSL	47°, 66%, 16%
HSV	47°, 80%, 27%
XYZ	3.9966, 4.2232, 1.0200
YIQ	55.6860, 20.9550, -10.8290

# Conversions

## Conversions Part 2

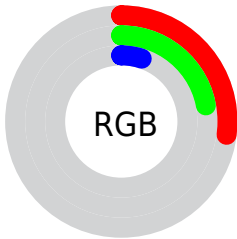
<b>Format</b>	<b>Color</b>
<b>RYB</b>	29, 69, 14
Decimal	4536590
CIELab	24.40, -0.25, 27.49
CIELCh	24, 27.489, 90.524
Yxy	4.2232, 0.4325, 0.4571
Android (android.graphics.Color)	4282726670 (0xFF45390E)
YUV	55.6860, -20.5512, 11.6764
Hunter-Lab	20.5504, -1.2484, 11.4425

# Details

The Hex color **45390E** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **0E1A45**, and the grayscale version is **383838**.

A 20% lighter version of the original color is **77683B**, and **150F00** is the 20% darker color. If you saturate the color by 10%, you get **453707**, and if you desaturate by 10%, it is **453B15**.

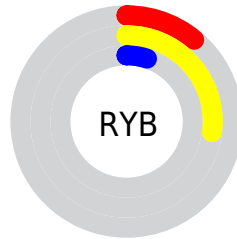
# Distribution



 Red (27%)

 Green (22%)

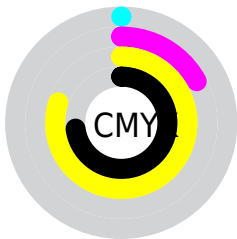
 Blue (5%)



 Red (11%)

 Yellow (27%)

 Blue (5%)

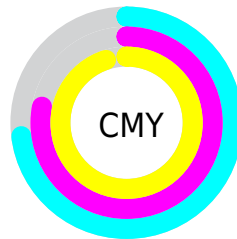


 Cyan (0%)

 Magenta (17%)

 Yellow (80%)

 Black (73%)



 Cyan (73%)

 Magenta (78%)

 Yellow (95%)

# Brightness & Saturation Gradients

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



 45390E

 45390E

 FFFFF2

 2E2400

 77683B

 150F00

 928152

 000000

 AD9B6B

 C9B585

 E5D19F

 FFEDBA

 FFFFD6

 45390E

 45390E

■ 453707

■ 453B15

■ 453600

■ 453C1C

■ 453E23

■ 453F2A

■ 454131

■ 454237

■ 45443E

■ 454545

■ 45474C

# Harmonies

## Analogous

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



553116



45390E



303F14

# Triad

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



45390E



00444E



532C4F

# Complementary

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



45390E



0E1A45

# 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.



3B345E



45390E



00415E

# Square

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



45390E



00443A



0C3C63



5F273A

# Rectangle

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



45390E



1F421E



0C3C63



4D2F54



# Sweetspot

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



45390E



595544



450E1B



2E2B21



ADADAD



2E2E2E



# Same Dimension

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



45390E



594704



36450E



242320



634E00



E3B100



# Inverse Universe

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



0E1A45



041659



1D0E45



202124



001663



0032E3



# Previews

## White Background



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

## Color Contrast Check

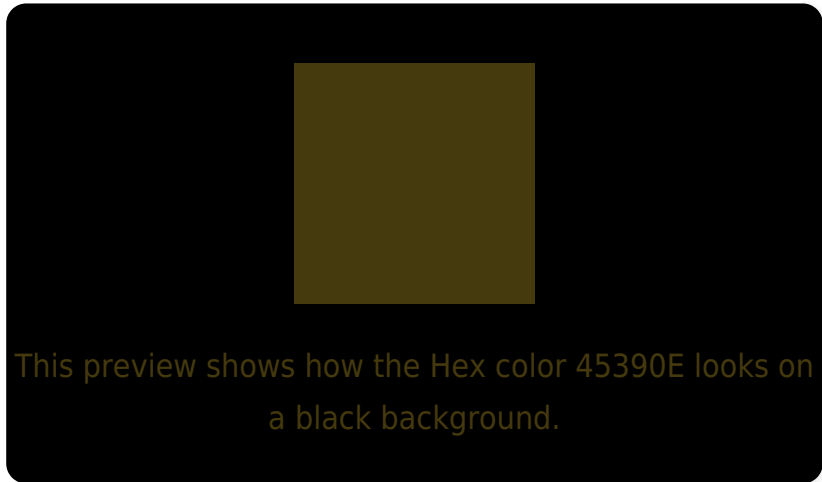
Large Text (above 18pt) WCAG AA ✓ Pass

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

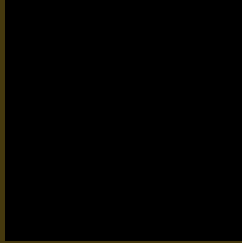
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 45390E Background



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

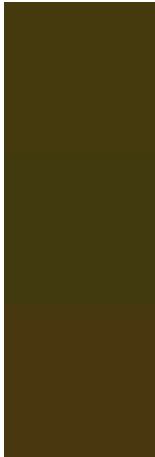


This preview shows how white text looks on a background with the Hex color 45390E.

# 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**  
45390E

**Protanopia**  
413A0E

**Deuteranopia**  
49370F



**Tritanopia**  
483539

# Trichromacy



**Original Color**

45390E

**Protanomaly**

423A0E

**Deuteranomaly**

48380F

**Tritanomaly**

473629

# Monochromacy



**Original Color**

45390E

**Achromatopsia**

383838

**Achromatomaly**

3D3829

# CSS Examples

## Text

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

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

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 #45390E colored shadow looks like.

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

## Border

The CSS property to change the border of an element to Hex 45390E 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
#45390E }
```

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

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

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

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

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

# Background

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

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

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

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

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