

# Converting Colors

Hex(453F0C)

Have a look what the booklet for  
Hex(453F0C) contains.

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**Color**

**Hex(453F0C)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	453F0C
RGB	69, 63, 12
RGB Percent	27%, 25%, 5%
CMY	0.7294, 0.7529, 0.9529
CMYK	0.00, 0.09, 0.83, 0.73
HSL	54°, 70%, 16%
HSV	54°, 83%, 27%
XYZ	4.2981, 4.8468, 1.0568
YIQ	58.9800, 19.9470, -14.5890

# Conversions

## Conversions Part 2

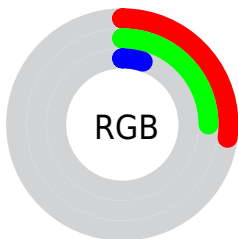
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	19, 69, 12
Decimal	4538124
CIE Lab	26.29, -4.17, 30.26
CIE LCh	26, 30.543, 97.838
Yxy	4.8468, 0.4213, 0.4751
Android (android.graphics.Color)	4282728204 (0xFF453F0C)
YUV	58.9800, -23.1611, 8.7875
Hunter-Lab	22.0154, -3.6779, 12.5646

# Details

The Hex color **453F0C** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **0C1245**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **776E3A**, and **151500** is the 20% darker color. If you saturate the color by 10%, you get **453E05**, and if you desaturate by 10%, it is **454013**.

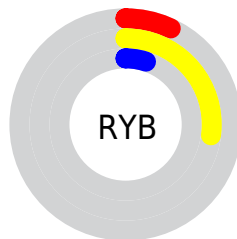
# Distribution



Red (27%)

Green (25%)

Blue (5%)



Red (7%)

Yellow (27%)

Blue (5%)

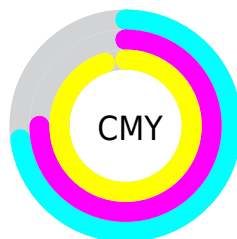


Cyan (0%)

Magenta (9%)

Yellow (83%)

Black (73%)



Cyan (73%)

Magenta (75%)

Yellow (95%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 453F0C 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 453F0C by changing the saturation by 10% instead.





453F0C



453F0C



FFFFFF2



2E2900



776E3A



151500



928852



000000



ADA26A



C9BD84



E5D89E



FFF5BA



FFFFD5



453F0C



453F0C

■ 453E05

■ 454013

■ 453E00

■ 45401A

■ 454121

■ 454228

■ 45432F

■ 454335

■ 45443C

■ 454543

■ 45464A

# Harmonies

## Analogous

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



593712



453F0C



2C4517

# Triad

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



453F0C



00495A



5F2C50

# Complementary

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



453F0C



0C1245

# 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.



473563



453F0C



004569

# Square

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



453F0C



004A44



1B3F6C



692939

# Rectangle

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



453F0C



154724



1B3F6C



592F57



# Sweetspot

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



453F0C



595743



450C13



2E2C20



ADADAD



2E2E2E



# Same Dimension

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



453F0C



595001



2F450C



242320



635900



E3CB00



# Inverse Universe

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



0C1245



010A59



220C45



202124



000A63

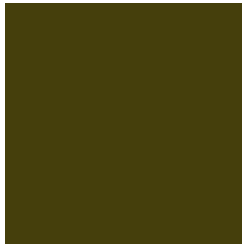


0018E3



# Previews

## White Background



This preview shows how the Hex color 453F0C looks on a white background.

## Color Contrast Check

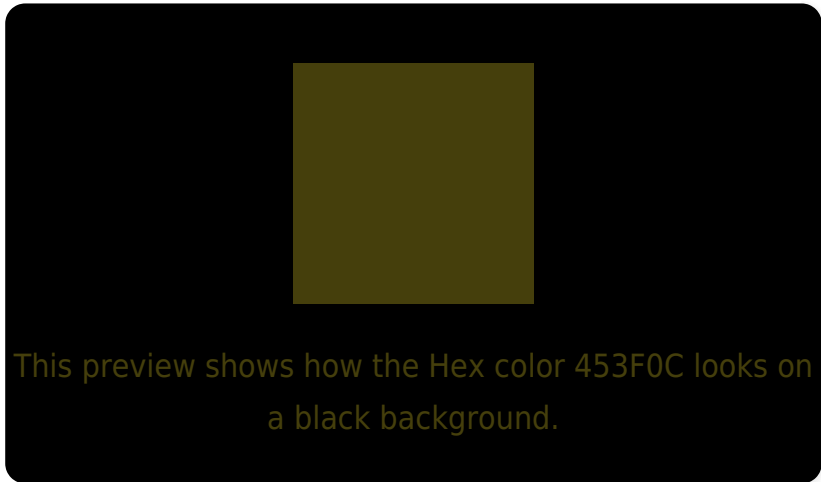
Large Text (above 18pt) WCAG AA ✓ Pass

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

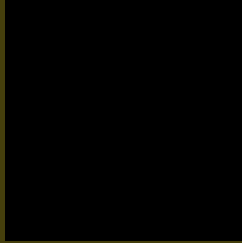
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 453F0C Background



This preview shows how black text looks on a background with the Hex color 453F0C.



This preview shows how white text looks on a background with the Hex color 453F0C.

# 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**  
453F0C

**Protanopia**  
463F0C

**Deuteranopia**  
4F3B0E



**Tritanopia**  
493B3F

# Trichromacy



**Original Color**  
453F0C

**Protanomaly**  
463F0C

**Deuteranomaly**  
4B3C0D

**Tritanomaly**  
483C2C

# Monochromacy



**Original Color**  
453F0C

**Achromatopsia**  
3B3B3B

**Achromatomaly**  
3F3C2A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 453F0C 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 #453F0C looks like.

```
.text, #text, p{  
    color:#453F0C  
}
```

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 #453F0C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #453F0C  
}
```

## Border

The CSS property to change the border of an element to Hex 453F0C 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  
#453F0C }
```

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

```
.border{ border-color:#453F0C }
```

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

Here you see how a box with a 4 pixel #453F0C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #453F0C; -webkit-box-shadow:4px 4px  
4px 4px #453F0C; box-shadow:4px 4px 4px  
4px #453F0C }
```

# Background

The CSS property to change the background color of an element to Hex 453F0C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#453F0C }
```

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

```
.background{ background-color:#453F0C }
```

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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