

# Converting Colors

Hex(43750F)

Have a look what the booklet for  
Hex(43750F) contains.

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**Color**

**Hex(43750F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	43750F
RGB	67, 117, 15
RGB Percent	26%, 46%, 6%
CMY	0.7373, 0.5412, 0.9412
CMYK	0.43, 0.00, 0.87, 0.54
HSL	89°, 77%, 26%
HSV	89°, 87%, 46%
XYZ	8.7623, 13.9504, 2.6828
YIQ	90.4220, 2.9420, -42.3220

# Conversions

## Conversions Part 2

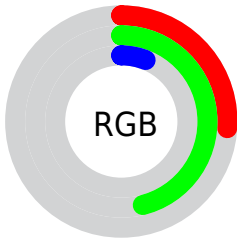
<b>Format</b>	<b>Color</b>
<b>RYB</b>	15, 117, 65
Decimal	4420879
CIELab	44.16, -33.45, 45.53
CIELCh	44, 56.493, 126.301
Yxy	13.9504, 0.3450, 0.5493
Android (android.graphics.Color)	4282610959 (0xFF43750F)
YUV	90.4220, -37.1830, -20.5411
Hunter-Lab	37.3502, -23.4872, 21.8864

# Details

The Hex color **43750F** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **410F75**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **78AA45**, and **0B4400** is the 20% darker color. If you saturate the color by 10%, you get **3D7503**, and if you desaturate by 10%, it is **49751B**.

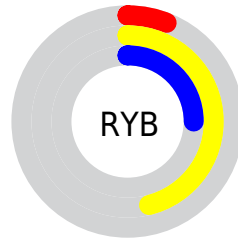
# Distribution



Red (26%)

Green (46%)

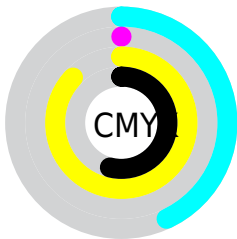
Blue (6%)



Red (6%)

Yellow (46%)

Blue (25%)

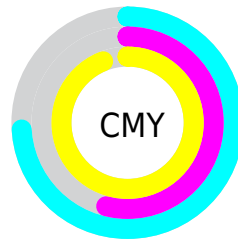


Cyan (43%)

Magenta (0%)

Yellow (87%)

Black (54%)



Cyan (74%)

Magenta (54%)

Yellow (94%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 43750F 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 43750F by changing the saturation by 10% instead.



 43750F

 43750F

FFFFFF

 285C00

 78AA45

 0B4400

 93C55F

 002D00

 AFE179

 001700

 CBFE94

 000000

 E8FFAF

 FFFFCB

 FFFF88

 43750F

 43750F

■ 3D7503

■ 49751B

■ 3C7500

■ 4E7526

■ 547532

■ 5A753E

■ 60754A

■ 657555

■ 6B7561

■ 71756D

■ 777578

# Harmonies

## Analogous

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



756A00



43750F



007B40

# Triad

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



43750F



0077BE



BB3561

# Complementary

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



43750F



410F75

# 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.



A8408F



43750F



006BC6

# Square

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



43750F



007D9F



7557B5



B54233

# Rectangle

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



43750F



007D61



7557B5



B83670



# Sweetspot

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



43750F



869971



75400F



414D35



CCCCCC



4D4D4D



# Same Dimension

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



43750F



4E9900



11750F



383B35



3E7A00



7FFA00



# Inverse Universe

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



410F75



4B0099



730F75



38353B



3C007A

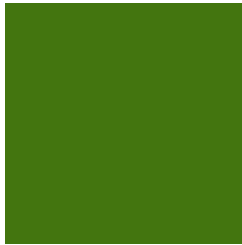


7A00FA



# Previews

## White Background



This preview shows how the Hex color 43750F 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 × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

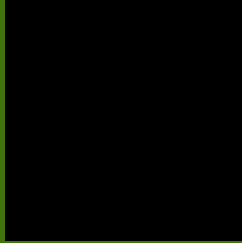
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 43750F Background



This preview shows how black text looks on a background with the Hex color 43750F.



This preview shows how white text looks on a background with the Hex color 43750F.

# 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**  
43750F

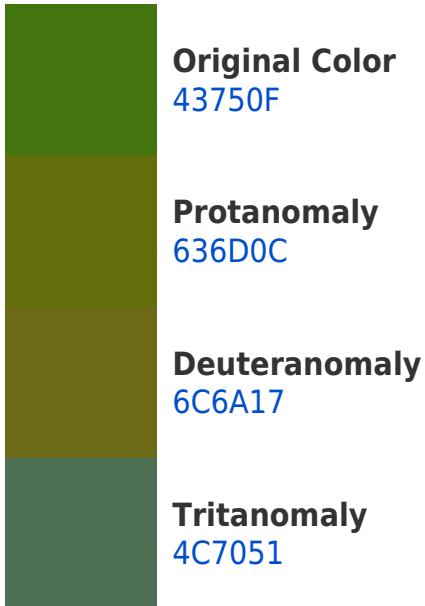
**Protanopia**  
75680B

**Deuteranopia**  
83631B

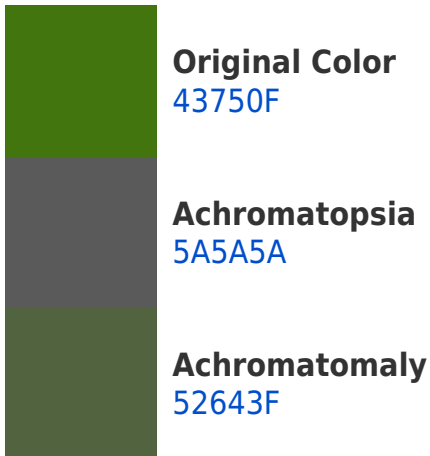


**Tritanopia**  
516D76

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 43750F 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 #43750F looks like.

```
.text, #text, p{  
    color:#43750F  
}
```

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 #43750F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #43750F
}
```

## Border

The CSS property to change the border of an element to Hex 43750F is called "border". The border property can be set on classes, ids or directly on the HTML element.

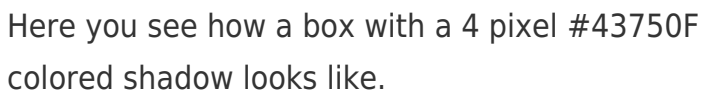
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#43750F }
```

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

```
.border{ border-color:#43750F }
```

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



Here you see how a box with a 4 pixel #43750F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #43750F; -webkit-box-shadow:4px 4px  
4px 4px #43750F; box-shadow:4px 4px 4px  
4px #43750F }
```

# Background

The CSS property to change the background color of an element to Hex 43750F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#43750F }
```

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

```
.background{ background-color:#43750F }
```

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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