

# Converting Colors

Hex(40750B)

Have a look what the booklet for  
Hex(40750B) contains.

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**Color**

**Hex(40750B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	40750B
RGB	64, 117, 11
RGB Percent	25%, 46%, 4%
CMY	0.7490, 0.5412, 0.9569
CMYK	0.45, 0.00, 0.91, 0.54
HSL	90°, 83%, 25%
HSV	90°, 91%, 46%
XYZ	8.5360, 13.8367, 2.5375
YIQ	89.0690, 2.4380, -44.2020

# Conversions

## Conversions Part 2

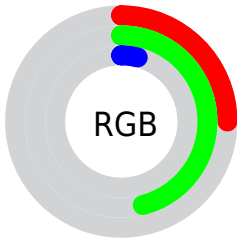
<b>Format</b>	<b>Color</b>
<b>RYB</b>	11, 117, 64
Decimal	4224267
CIELab	44.00, -34.70, 46.32
CIELCh	44, 57.874, 126.840
Yxy	13.8367, 0.3427, 0.5555
Android (android.graphics.Color)	4282414347 (0xFF40750B)
YUV	89.0690, -38.4880, -21.9855
Hunter-Lab	37.1978, -24.1343, 21.9939

# Details

The Hex color **40750B** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **400B75**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **75AA43**, and **044400** is the 20% darker color. If you saturate the color by 10%, you get **3B7500**, and if you desaturate by 10%, it is **467517**.

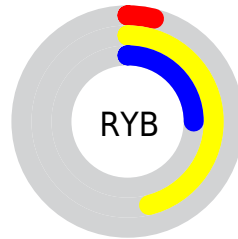
# Distribution



Red (25%)

Green (46%)

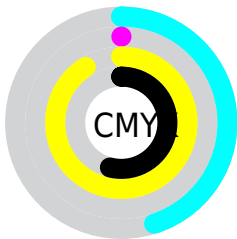
Blue (4%)



Red (4%)

Yellow (46%)

Blue (25%)

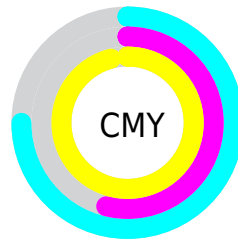


Cyan (45%)

Magenta (0%)

Yellow (91%)

Black (54%)



Cyan (75%)

Magenta (54%)

Yellow (96%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 40750B 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 40750B by changing the saturation by 10% instead.



 40750B

 40750B

FFFFFF

 255C00

 75AA43

 044400

 90C55D

 002D00

 ACE177

 001700

 C8FE92

 000000

 E5FFAD

 FFFFC9

 FFFF E5

 40750B

 40750B

■ 3B7500

■ 467517

■ 4C7522

■ 52752E

■ 57753A

■ 5D7545

■ 637551

■ 69755D

■ 6F7569

■ 757574

# Harmonies

## Analogous

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



746900



40750B



007B40

# Triad

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



40750B



0077C1



BC325F

# Complementary

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



40750B



400B75

# 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.



A93E8F



40750B



006AC8

# Square

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



40750B



007DA1



7656B6



B54131

# Rectangle

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



40750B



007D61



7656B6



B9336F



# Sweetspot

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



40750B



849970



75400B



404D34



CCCCCC



4D4D4D



# Same Dimension

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



40750B



4D9900



0B750B



383B35



3D7A00



7DFA00



# Inverse Universe

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



400B75



4D0099



750B75



38353B



3D007A

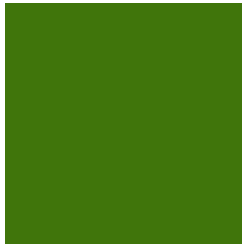


7D00FA



# Previews

## White Background



This preview shows how the Hex color 40750B looks on a white background.

## Color Contrast Check

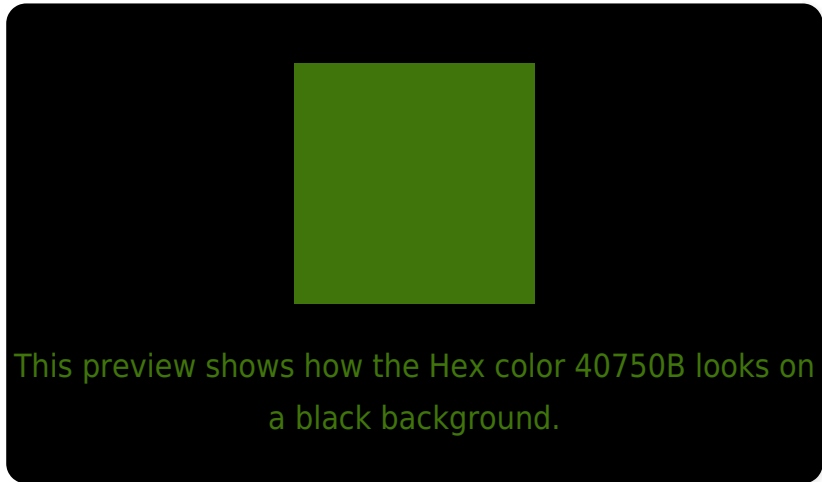
Large Text (above 18pt) WCAG AA ✓ Pass

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 40750B Background



This preview shows how black text looks on a background with the Hex color 40750B.




This preview shows how white text looks on a background with the Hex color 40750B.

# 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





**Tritanopia**  
4E6D76

# Trichromacy



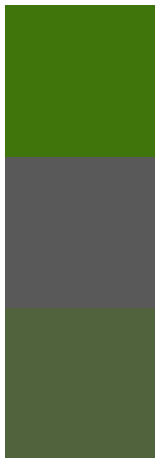
**Original Color**  
40750B

**Protanomaly**  
626D06

**Deuteranomaly**  
6A6915

**Tritanomaly**  
49704F

# Monochromacy



**Original Color**  
40750B

**Achromatopsia**  
595959

**Achromatomaly**  
50633D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 40750B 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 #40750B looks like.

```
.text, #text, p{  
    color:#40750B  
}
```

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 #40750B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #40750B
}
```

## Border

The CSS property to change the border of an element to Hex 40750B 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".

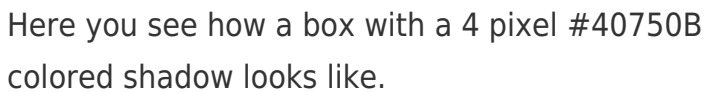
```
.border, #border, table{ border:4px solid
#40750B }
```

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

```
.border{ border-color:#40750B }
```

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

Here you see how a box with a 4 pixel #40750B colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #40750B; -webkit-box-shadow:4px 4px  
4px 4px #40750B; box-shadow:4px 4px 4px  
4px #40750B }
```

# Background

The CSS property to change the background color of an element to Hex 40750B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#40750B }
```

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

```
.background{ background-color:#40750B }
```

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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