

Converting Colors

Hex(37440E)

Have a look what the booklet for
Hex(37440E) contains.

Hex(37440E)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(37440E)

Conversions

Conversions Part 1

Format	Color
Hex	37440E
RGB	55, 68, 14
RGB Percent	22%, 27%, 5%
CMY	0.7843, 0.7333, 0.9451
CMYK	0.19, 0.00, 0.79, 0.73
HSL	74°, 66%, 16%
HSV	74°, 79%, 27%
XYZ	3.7219, 4.9782, 1.1802
YIQ	57.9570, 9.5860, -19.5500

Conversions

Conversions Part 2

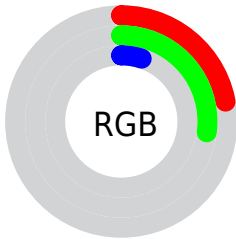
Format	Color
RYB	14, 68, 27
Decimal	3621902
CIELab	26.67, -14.14, 29.31
CIELCh	27, 32.545, 115.757
Yxy	4.9782, 0.3767, 0.5038
Android (android.graphics.Color)	4281811982 (0xFF37440E)
YUV	57.9570, -21.6708, -2.5933
Hunter-Lab	22.3118, -9.2693, 12.4821

Details

The Hex color **37440E** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **1B0E44**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **68743C**, and **011A00** is the 20% darker color. If you saturate the color by 10%, you get **354407**, and if you desaturate by 10%, it is **394415**.

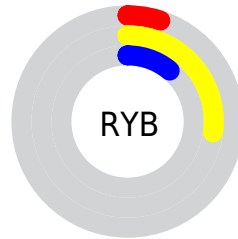
Distribution



Red (22%)

Green (27%)

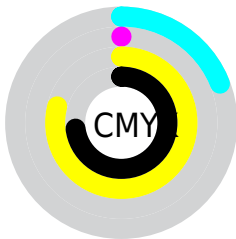
Blue (5%)



Red (5%)

Yellow (27%)

Blue (11%)

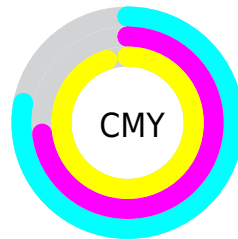


Cyan (19%)

Magenta (0%)

Yellow (79%)

Black (73%)



Cyan (78%)

Magenta (73%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 37440E 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 37440E by changing the saturation by 10% instead.



37440E



37440E



FFFFFF5



222E00



68743C



011A00



818E54



000000



9CA86D



B7C386



D3DFA1



F0FCBC



FFFFD8



37440E



37440E

■ 354407

■ 394415

■ 344400

■ 3A441C

■ 3C4422

■ 3E4429

■ 3F4430

■ 414437

■ 42443E

■ 444444

■ 46444B

Harmonies

Analogous

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



4F3D09



37440E



154922

Triad

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



37440E



004868



6A2844

Complementary

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



37440E



1B0E44

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.



5A2F5B



37440E



004371

Square

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



37440E



004B54



393A6C



6B2A2B

Rectangle

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



37440E



004A32



393A6C



662A4C

Sweetspot

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



37440E



545944



441B0E



2B2E21



ADADAD



2E2E2E

Same Dimension

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



37440E



455904



1C440E



20211E



4A6100



AAE000

Inverse Universe

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



1B0E44



190459



360E44



1F1E21



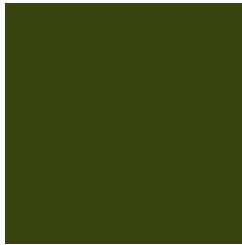
170061



3600E0

Previews

White Background



This preview shows how the Hex color 37440E 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 37440E Background



This preview shows how black text looks on a background with the Hex color 37440E.



This preview shows how white text looks on a background with the Hex color 37440E.

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
37440E

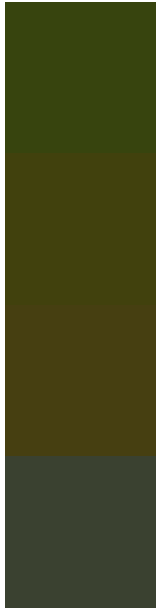
Protanopia
473F0D

Deuteranopia
4F3C12



Tritanopia
3C3F44

Trichromacy



Original Color
37440E

Protanomaly
41410D

Deuteranomaly
463F11

Tritanomaly
3A4130

Monochromacy



Original Color
37440E

Achromatopsia
3A3A3A

Achromatomaly
393E2A

CSS Examples

Text

The CSS property to change the color of the text to Hex 37440E 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 #37440E looks like.

```
.text, #text, p{  
    color:#37440E  
}
```

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 #37440E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #37440E
}
```

Border

The CSS property to change the border of an element to Hex 37440E is called "border". The border property can be set on classes, ids or directly on the HTML element.

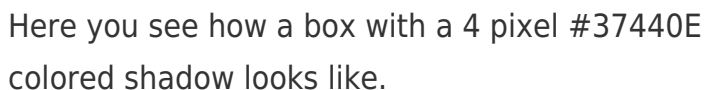
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#37440E }
```

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

```
.border{ border-color:#37440E }
```

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



Here you see how a box with a 4 pixel #37440E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #37440E; -webkit-box-shadow:4px 4px  
4px 4px #37440E; box-shadow:4px 4px 4px  
4px #37440E }
```

Background

The CSS property to change the background color of an element to Hex 37440E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#37440E }
```

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

```
.background{ background-color:#37440E }
```

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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