

Converting Colors

Hex(40440C)

Have a look what the booklet for
Hex(40440C) contains.

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Color

Hex(40440C)

Conversions

Conversions Part 1

Format	Color
Hex	40440C
RGB	64, 68, 12
RGB Percent	25%, 27%, 5%
CMY	0.7490, 0.7333, 0.9529
CMYK	0.06, 0.00, 0.82, 0.73
HSL	64°, 70%, 16%
HSV	64°, 82%, 27%
XYZ	4.2478, 5.2508, 1.1374
YIQ	60.4200, 15.5920, -18.2640

Conversions

Conversions Part 2

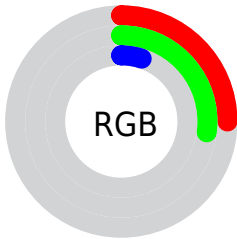
Format	Color
R_{YB}	12, 68, 16
Decimal	4211724
CIE Lab	27.44, -9.79, 31.17
CIE LCh	27, 32.674, 107.441
Yxy	5.2508, 0.3994, 0.4937
Android (android.graphics.Color)	4282401804 (0xFF40440C)
YUV	60.4200, -23.8711, 3.1397
Hunter-Lab	22.9146, -7.0107, 13.0971

Details

The Hex color **40440C** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **100C44**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **72743B**, and **0F1A00** is the 20% darker color. If you saturate the color by 10%, you get **404405**, and if you desaturate by 10%, it is **404413**.

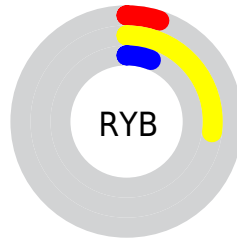
Distribution



Red (25%)

Green (27%)

Blue (5%)



Red (5%)

Yellow (27%)

Blue (6%)

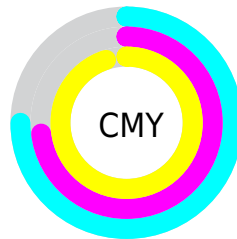


Cyan (6%)

Magenta (0%)

Yellow (82%)

Black (73%)



Cyan (75%)

Magenta (73%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 40440C 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 40440C by changing the saturation by 10% instead.



40440C



40440C



FFFFFF3



2A2E00



72743B



0F1A00



8C8D53



000000



A7A86B



C3C385



DFDF9F



FCFBBB



FFFFD7



40440C



40440C

■ 404405

■ 404413

■ 3F4400

■ 41441A

■ 414420

■ 424427

■ 42442E

■ 434435

■ 43443C

■ 444442

■ 444449

Harmonies

Analogous

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



573C0C



40440C



22491D

Triad

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



40440C



004B65



692B4C

Complementary

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



40440C



100C44

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.



553463



40440C



004772

Square

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



40440C



004D4F



2D3E71



6E2A33

Rectangle

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



40440C



004C2D



2D3E71



642D55

Sweetspot

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



40440C



585943



44100C



2D2E20



ADADAD



2E2E2E

Same Dimension

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



40440C



535901



24440C



21211E



5A6100



D0E000

Inverse Universe

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



100C44



070159



2C0C44



1E1E21



070061



1000E0

Previews

White Background



This preview shows how the Hex color 40440C looks on a white background.

Color Contrast Check

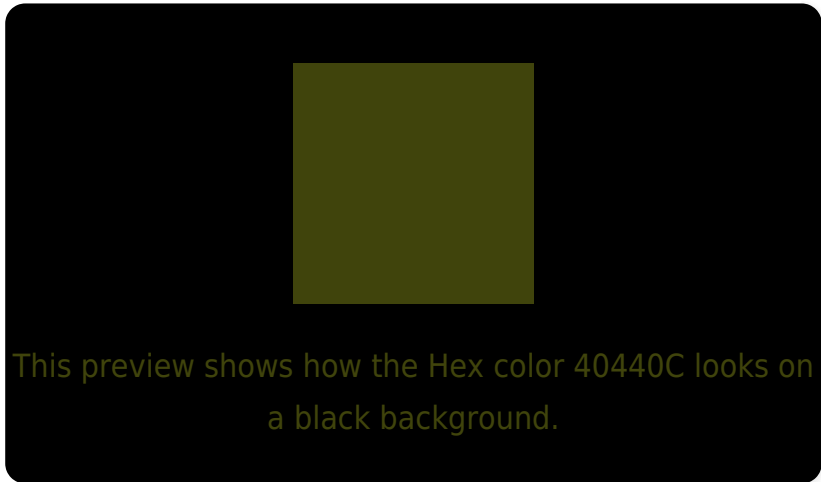
Large Text (above 18pt) WCAG AA ✓ Pass

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

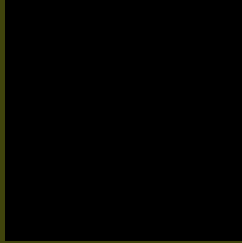
Any Text WCAG AA × Fail

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 40440C Background



This preview shows how black text looks on a background with the Hex color 40440C.



This preview shows how white text looks on a background with the Hex color 40440C.

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
40440C

Protanopia
49410B

Deuteranopia
523E10



Tritanopia
453F44

Trichromacy



Original Color
40440C

Protanomaly
46420B

Deuteranomaly
4B400F

Tritanomaly
434130

Monochromacy



Original Color
40440C

Achromatopsia
3C3C3C

Achromatomaly
3D3F2B

CSS Examples

Text

The CSS property to change the color of the text to Hex 40440C 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 #40440C looks like.

```
.text, #text, p{  
    color:#40440C  
}
```

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 #40440C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #40440C
}
```

Border

The CSS property to change the border of an element to Hex 40440C is called "border". The border property can be set on classes, ids or directly on the HTML element.

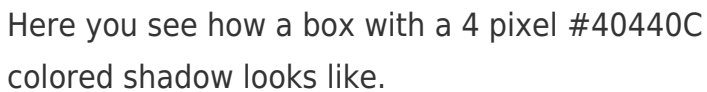
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#40440C }
```

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

```
.border{ border-color:#40440C }
```

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



Here you see how a box with a 4 pixel #40440C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #40440C; -webkit-box-shadow:4px 4px  
4px 4px #40440C; box-shadow:4px 4px 4px  
4px #40440C }
```

Background

The CSS property to change the background color of an element to Hex 40440C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#40440C }
```

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

```
.background{ background-color:#40440C }
```

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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