

Converting Colors

Hex(38340C)

Have a look what the booklet for
Hex(38340C) contains.

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Color

Hex(38340C)

Conversions

Conversions Part 1

Format	Color
Hex	38340C
RGB	56, 52, 12
RGB Percent	22%, 20%, 5%
CMY	0.7804, 0.7961, 0.9529
CMYK	0.00, 0.07, 0.79, 0.78
HSL	55°, 65%, 13%
HSV	55°, 79%, 22%
XYZ	2.9252, 3.3233, 0.8351
YIQ	48.6360, 15.2240, -11.5920

Conversions

Conversions Part 2

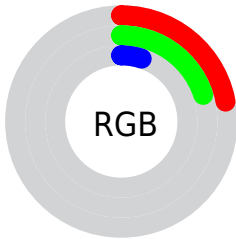
Format	Color
R_{YB}	16, 56, 12
Decimal	3683340
CIE Lab	21.29, -4.06, 24.77
CIE LCh	21, 25.101, 99.313
Yxy	3.3233, 0.4130, 0.4691
Android (android.graphics.Color)	4281873420 (0xFF38340C)
YUV	48.6360, -18.0615, 6.4582
Hunter-Lab	18.2299, -3.2594, 10.0448

Details

The Hex color **38340C** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **0C1038**, and the grayscale version is **313131**.

A 20% lighter version of the original color is **696238**, and **000800** is the 20% darker color. If you saturate the color by 10%, you get **383306**, and if you desaturate by 10%, it is **383512**.

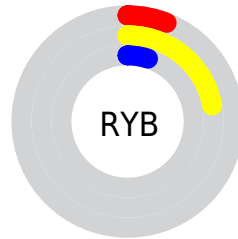
Distribution



Red (22%)

Green (20%)

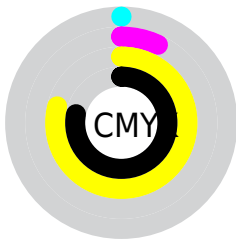
Blue (5%)



Red (6%)

Yellow (22%)

Blue (5%)

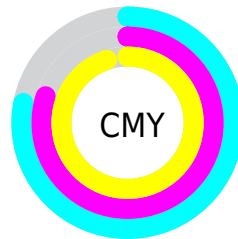


Cyan (0%)

Magenta (7%)

Yellow (79%)

Black (78%)



Cyan (78%)

Magenta (80%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 38340C 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 38340C by changing the saturation by 10% instead.



38340C



38340C



FFFFEF



221F00



696238



000800



827B50



000000



9D9568



B8AF81



D4CB9C



F1E7B7



FFFFD2



38340C



38340C

■ 383306

■ 383512

■ 383301

■ 383517

■ 383300

■ 38361D

■ 383622

■ 383728

■ 38372E

■ 383833

■ 383839

■ 38393E

Harmonies

Analogous

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



482D10



38340C



243915

Triad

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



38340C



003B4A



4E2541

Complementary

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



38340C



0C1038

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.



3C2C50



38340C



003956

Square

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



38340C



003C39



1B3358



55232E

Rectangle

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



38340C



123B1F



1B3358



492746

Sweetspot

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



38340C



4A4838



380C10



26251B



A6A6A6



262626

Same Dimension

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



38340C



4A4404



26380C



1C1C19



5C5300



DBC700

Inverse Universe

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



0C1038



040B4A



1E0C38



19191C



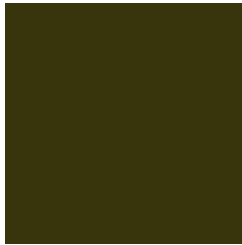
00085C



0014DB

Previews

White Background



This preview shows how the Hex color 38340C looks on a white background.

Color Contrast Check

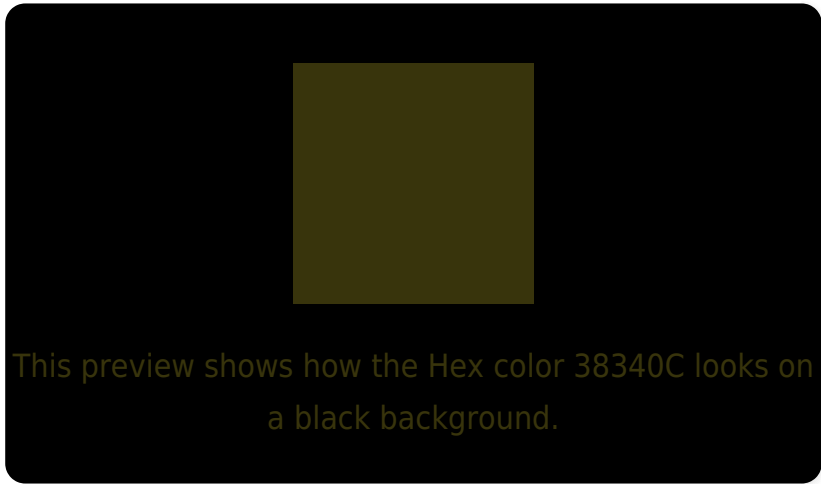
Large Text (above 18pt) WCAG AA ✓ Pass

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

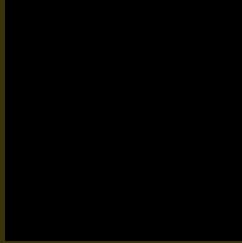
Any Text WCAG AA × Fail

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 38340C Background



This preview shows how black text looks on a background with the Hex color 38340C.

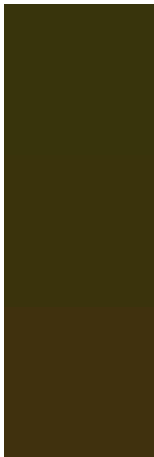


This preview shows how white text looks on a background with the Hex color 38340C.

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
38340C

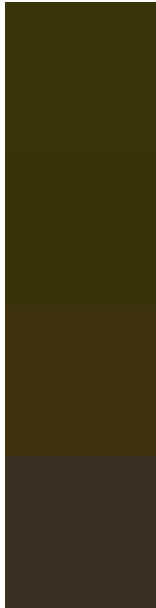
Protanopia
3A330C

Deuteranopia
40310E



Tritanopia
3B3034

Trichromacy



Original Color
38340C

Protanomaly
39330C

Deuteranomaly
3D320D

Tritanomaly
3A3125

Monochromacy



Original Color
38340C

Achromatopsia
313131

Achromatomaly
343224

CSS Examples

Text

The CSS property to change the color of the text to Hex 38340C 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 #38340C looks like.

```
.text, #text, p{  
    color:#38340C  
}
```

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 #38340C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #38340C
}
```

Border

The CSS property to change the border of an element to Hex 38340C is called "border". The border property can be set on classes, ids or directly on the HTML element.

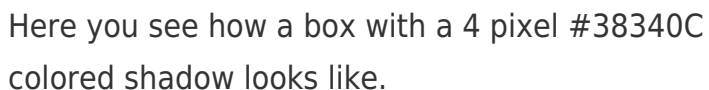
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#38340C }
```

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

```
.border{ border-color:#38340C }
```

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



Here you see how a box with a 4 pixel #38340C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #38340C; -webkit-box-shadow:4px 4px  
4px 4px #38340C; box-shadow:4px 4px 4px  
4px #38340C }
```

Background

The CSS property to change the background color of an element to Hex 38340C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#38340C }
```

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

```
.background{ background-color:#38340C }
```

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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