

Converting Colors

Hex(34370C)

Have a look what the booklet for
Hex(34370C) contains.

Hex(34370C)	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(34370C)

Conversions

Conversions Part 1

Format	Color
Hex	34370C
RGB	52, 55, 12
RGB Percent	20%, 22%, 5%
CMY	0.7961, 0.7843, 0.9529
CMYK	0.05, 0.00, 0.78, 0.78
HSL	64°, 64%, 13%
HSV	64°, 78%, 22%
XYZ	2.8487, 3.4890, 0.8711
YIQ	49.2010, 12.0150, -14.0090

Conversions

Conversions Part 2

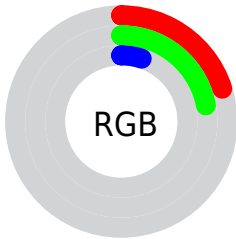
Format	Color
R_{YB}	12, 55, 15
Decimal	3421964
CIE Lab	21.90, -8.07, 25.31
CIE LCh	22, 26.562, 107.685
Yxy	3.4890, 0.3952, 0.4840
Android (android.graphics.Color)	4281612044 (0xFF34370C)
YUV	49.2010, -18.3401, 2.4547
Hunter-Lab	18.6788, -5.4648, 10.3101

Details

The Hex color **34370C** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **0F0C37**, and the grayscale version is **313131**.

A 20% lighter version of the original color is **646638**, and **000D00** is the 20% darker color. If you saturate the color by 10%, you get **343706**, and if you desaturate by 10%, it is **343711**.

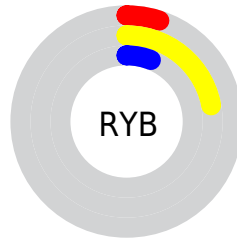
Distribution



Red (20%)

Green (22%)

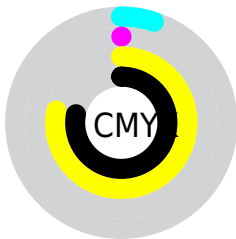
Blue (5%)



Red (5%)

Yellow (22%)

Blue (6%)

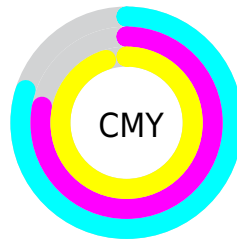


Cyan (5%)

Magenta (0%)

Yellow (78%)

Black (78%)



Cyan (80%)

Magenta (78%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 34370C 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 34370C by changing the saturation by 10% instead.

 34370C

 34370C

 FFFFEF

 1F2200

 646638

 000D00

 7E7F50

 000000

 989868

 B3B382

 CF9C9C

 EBEBB7

 FFFFD3

 34370C

 34370C

■ 343706

■ 343711

■ 333701

■ 353717

■ 333700

■ 35371C

■ 363722

■ 363728

■ 36372D

■ 373733

■ 373738

■ 37373E

Harmonies

Analogous

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



46310C



34370C



1D3B19

Triad

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



34370C



003D51



54243D

Complementary

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



34370C



0F0C37

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.



442A4F



34370C



00395B

Square

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



34370C



003E40



27335A



59232A

Rectangle

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



34370C



033D25



27335A



502644

Sweetspot

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



34370C



464737



370F0C



23241A



A3A3A3



242424

Same Dimension

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



34370C



434704



1F370C



1C1C19



555C00



CCDB00

Inverse Universe

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



0F0C37



090447



240C37



19191C



06005C



0F00DB

Previews

White Background



This preview shows how the Hex color 34370C looks on a white background.

Color Contrast Check

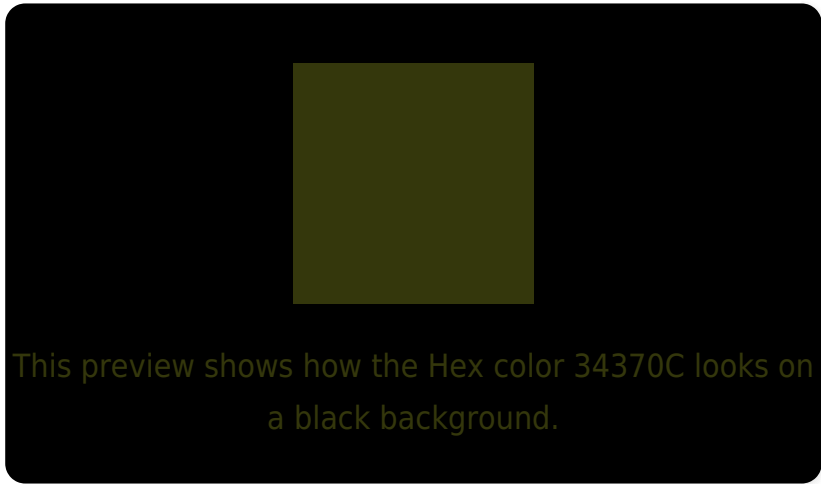
Large Text (above 18pt) WCAG AA ✓ Pass

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

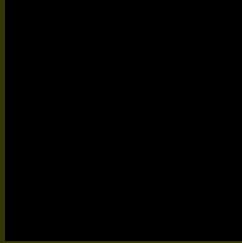
Any Text WCAG AA × Fail

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 34370C Background



This preview shows how black text looks on a background with the Hex color 34370C.



This preview shows how white text looks on a background with the Hex color 34370C.

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
34370C

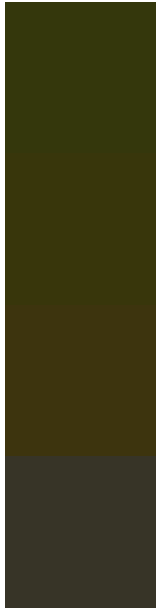
Protanopia
3B350B

Deuteranopia
42320F



Tritanopia
383337

Trichromacy



Original Color
34370C

Protanomaly
38360B

Deuteranomaly
3D340E

Tritanomaly
373427

Monochromacy



Original Color
34370C

Achromatopsia
313131

Achromatomaly
323324

CSS Examples

Text

The CSS property to change the color of the text to Hex 34370C 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 #34370C looks like.

```
.text, #text, p{  
    color:#34370C  
}
```

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 #34370C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #34370C
}
```

Border

The CSS property to change the border of an element to Hex 34370C is called "border". The border property can be set on classes, ids or directly on the HTML element.

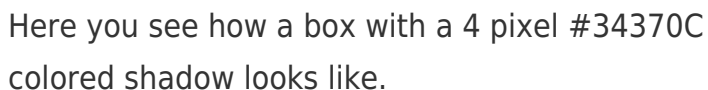
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#34370C }
```

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

```
.border{ border-color:#34370C }
```

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



Here you see how a box with a 4 pixel #34370C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #34370C; -webkit-box-shadow:4px 4px  
4px 4px #34370C; box-shadow:4px 4px 4px  
4px #34370C }
```

Background

The CSS property to change the background color of an element to Hex 34370C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#34370C }
```

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

```
.background{ background-color:#34370C }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor