

Converting Colors

Hex(3C3004)

Have a look what the booklet for
Hex(3C3004) contains.

| | |
|--|----|
| Hex(3C3004) | 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(3C3004)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | 3C3004 |
| RGB | 60, 48, 4 |
| RGB Percent | 24%, 19%, 2% |
| CMY | 0.7647, 0.8118, 0.9843 |
| CMYK | 0.00, 0.20, 0.93, 0.76 |
| HSL | 47°, 88%, 13% |
| HSV | 47°, 93%, 24% |
| XYZ | 2.9423, 3.0833, 0.5549 |
| YIQ | 46.5720, 21.2760, -11.1400 |

Conversions

Conversions Part 2

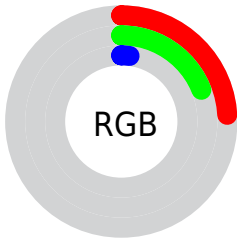
| Format | Color |
|-------------------------------------|--|
| RYB | 19, 60, 4 |
| Decimal | 3944452 |
| CIELab | 20.37, 0.21, 27.19 |
| CIELCh | 20, 27.192, 89.560 |
| Yxy | 3.0833, 0.4471, 0.4685 |
| Android (android.graphics.Color) | 4282134532 (0xFF3C3004) |
| YUV | 46.5720, -20.9880, 11.7764 |
| Hunter-Lab | 17.5594, -0.8186, 10.4179 |

Details

The Hex color **3C3004** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **04103C**, and the grayscale version is **2F2F2F**.

A 20% lighter version of the original color is **6E5E32**, and **030100** is the 20% darker color. If you saturate the color by 10%, you get **3C2F00**, and if you desaturate by 10%, it is **3C310A**.

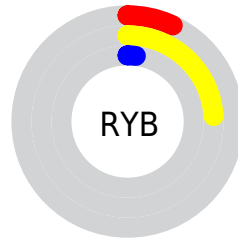
Distribution



Red (24%)

Green (19%)

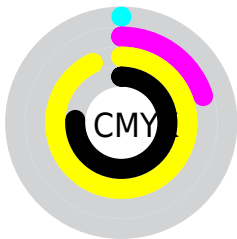
Blue (2%)



Red (7%)

Yellow (24%)

Blue (2%)

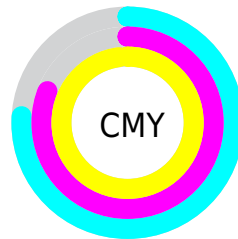


Cyan (0%)

Magenta (20%)

Yellow (93%)

Black (76%)



Cyan (76%)

Magenta (81%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3C3004 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 3C3004 by changing the saturation by 10% instead.

 3C3004

 3C3004

 FFFFE7

 251B00

 6E5E32

 030100

 887649

 000000

 A39062

 BEAA7B

 DBC695

 F7E2B0

 FFFECB

 3C3004

 3C3004

■ 3C2F00

■ 3C310A

■ 3C3310

■ 3C3416

■ 3C351C

■ 3C3622

■ 3C3828

■ 3C392E

■ 3C3A34

■ 3C3C3A

Harmonies

Analogous

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



4B280E



3C3004



28360B

Triad

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



3C3004



003A44



492446

Complementary

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



3C3004



04103C

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.



312C54



3C3004



003853

Square

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



3C3004



003B30



003359



541F32

Rectangle

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



3C3004



173816



003359



42264B

Sweetspot

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



3C3004



4F4A39



3C0410



29261B



A8A8A8



292929

Same Dimension

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



3C3004



4F3E00



2C3C04



1F1E1C



5E4A00



DEAE00

Inverse Universe

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



04103C



00114F



14043C



1C1C1F



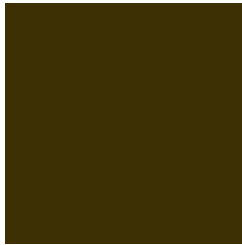
00145E



0030DE

Previews

White Background



This preview shows how the Hex color 3C3004 looks on a white background.

Color Contrast Check

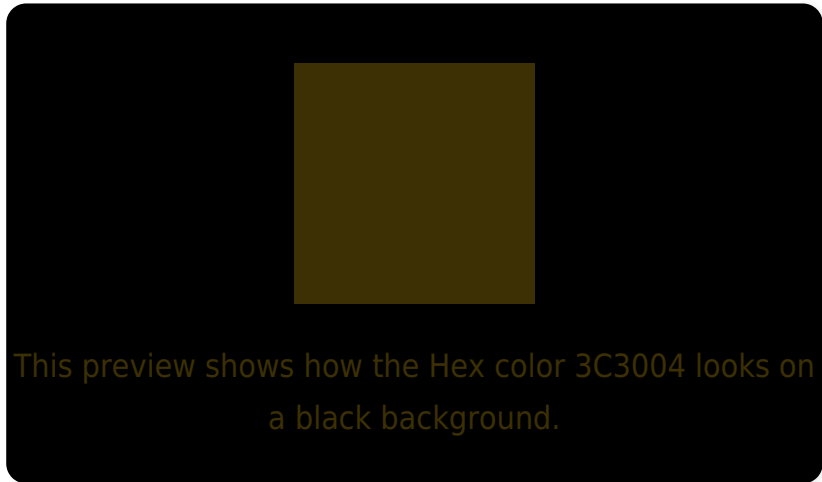
Large Text (above 18pt) WCAG AA ✓ Pass

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

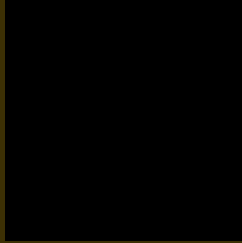
Any Text WCAG AA × Fail

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 3C3004 Background



This preview shows how black text looks on a background with the Hex color 3C3004.



This preview shows how white text looks on a background with the Hex color 3C3004.

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
3C3004

Protanopia
383205

Deuteranopia
3F2F06



Tritanopia
3E2D30

Trichromacy



Original Color
3C3004

Protanomaly
393105

Deuteranomaly
3E2F05

Tritanomaly
3D2E20

Monochromacy



Original Color
3C3004

Achromatopsia
2F2F2F

Achromatomaly
342F1F

CSS Examples

Text

The CSS property to change the color of the text to Hex 3C3004 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 #3C3004 looks like.

```
.text, #text, p{  
    color:#3C3004  
}
```

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 #3C3004 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3C3004
}
```

Border

The CSS property to change the border of an element to Hex 3C3004 is called "border". The border property can be set on classes, ids or directly on the HTML element.

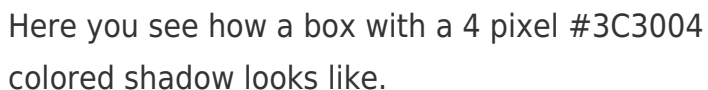
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3C3004 }
```

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

```
.border{ border-color:#3C3004 }
```

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



Here you see how a box with a 4 pixel #3C3004 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3C3004; -webkit-box-shadow:4px 4px  
4px 4px #3C3004; box-shadow:4px 4px 4px  
4px #3C3004 }
```

Background

The CSS property to change the background color of an element to Hex 3C3004 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3C3004 }
```

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

```
.background{ background-color:#3C3004 }
```

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