

Converting Colors

Hex(3C4700)

Have a look what the booklet for
Hex(3C4700) contains.

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Color

Hex(3C4700)

Conversions

Conversions Part 1

Format	Color
Hex	3C4700
RGB	60, 71, 0
RGB Percent	24%, 28%, 0%
CMY	0.7647, 0.7216, 1.0000
CMYK	0.15, 0.00, 1.00, 0.72
HSL	69°, 100%, 14%
HSV	69°, 100%, 28%
XYZ	4.1167, 5.4671, 0.8383
YIQ	59.6170, 16.2350, -24.4130

Conversions

Conversions Part 2

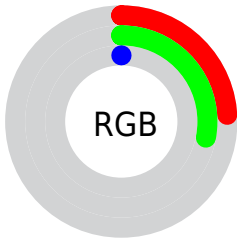
Format	Color
RYB	0, 71, 11
Decimal	3950336
CIELab	28.03, -14.17, 36.33
CIELCh	28, 38.998, 111.314
Yxy	5.4671, 0.3950, 0.5246
Android (android.graphics.Color)	4282140416 (0xFF3C4700)
YUV	59.6170, -29.3912, 0.3359
Hunter-Lab	23.3819, -9.4909, 14.2417

Details

The Hex color **3C4700** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **0B0047**, and the grayscale version is **3C3C3C**.

A 20% lighter version of the original color is **6E7732**, and **081C00** is the 20% darker color. If you saturate the color by 10%, you get **3C4700**, and if you desaturate by 10%, it is **3D4707**.

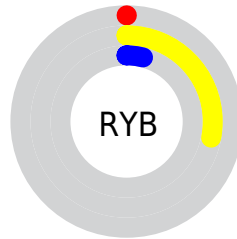
Distribution



Red (24%)

Green (28%)

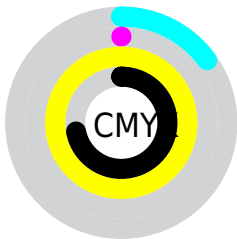
Blue (0%)



Red (0%)

Yellow (28%)

Blue (4%)

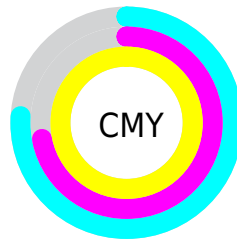


Cyan (15%)

Magenta (0%)

Yellow (100%)

Black (72%)



Cyan (76%)

Magenta (72%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3C4700 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 3C4700 by changing the saturation by 10% instead.

 3C4700

 3C4700

 FFFFEA

 253100

 6E7732

 081C00

 88914A

 000000

 A3AB63

 BFC77C

 DBE397

 F8FFB2

 FFFFCE

 3C4700

■ 3D4707

■ 3E470E

■ 3F4715

■ 40471C

■ 424724

■ 43472B

■ 444732

■ 454739

■ 464740

Harmonies

Analogous

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



583E00



3C4700



134D1A

Triad

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



3C4700



004E71



73244C

Complementary

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



3C4700



0B0047

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.



5D3068



3C4700



00487E

Square

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



3C4700



005057



303E7A



77252E

Rectangle

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



3C4700



004F2E



303E7A



6E2756

Sweetspot

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



3C4700



585C40



470B00



2B2E1D



ADADAD



2E2E2E

Same Dimension

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



3C4700



4E5C00



194700



232420



546300



C0E300

Inverse Universe

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



0B0047



0E005C



2E0047



212024



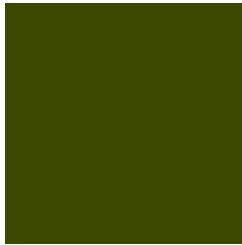
0F0063



2300E3

Previews

White Background



This preview shows how the Hex color 3C4700 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

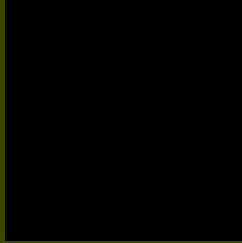
Any Text WCAG AA × Fail

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 3C4700 Background



This preview shows how black text looks on a background with the Hex color 3C4700.



This preview shows how white text looks on a background with the Hex color 3C4700.

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
3C4700

Protanopia
4B4200

Deuteranopia
543F0C



Tritanopia
424247

Trichromacy



Original Color
3C4700

Protanomaly
464400

Deuteranomaly
4B4208

Tritanomaly
40442D

Monochromacy



Original Color
3C4700

Achromatopsia
3C3C3C

Achromatomaly
3C4026

CSS Examples

Text

The CSS property to change the color of the text to Hex 3C4700 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 #3C4700 looks like.

```
.text, #text, p{  
    color:#3C4700  
}
```

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 #3C4700 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3C4700
}
```

Border

The CSS property to change the border of an element to Hex 3C4700 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
#3C4700 }
```

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

```
.border{ border-color:#3C4700 }
```

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

Here you see how a box with a 4 pixel #3C4700 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3C4700; -webkit-box-shadow:4px 4px  
4px 4px #3C4700; box-shadow:4px 4px 4px  
4px #3C4700 }
```

Background

The CSS property to change the background color of an element to Hex 3C4700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3C4700 }
```

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

```
.background{ background-color:#3C4700 }
```

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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