

Converting Colors

Hex(3C4704)

Have a look what the booklet for
Hex(3C4704) contains.

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Color

Hex(3C4704)

Conversions

Conversions Part 1

Format	Color
Hex	3C4704
RGB	60, 71, 4
RGB Percent	24%, 28%, 2%
CMY	0.7647, 0.7216, 0.9843
CMYK	0.15, 0.00, 0.94, 0.72
HSL	70°, 89%, 15%
HSV	70°, 94%, 28%
XYZ	4.1386, 5.4759, 0.9537
YIQ	60.0730, 14.9510, -23.1690

Conversions

Conversions Part 2

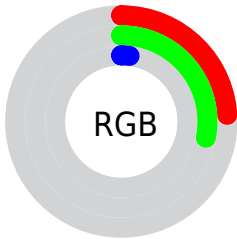
Format	Color
R_{YB}	4, 71, 15
Decimal	3950340
CIE _{Lab}	28.05, -13.97, 34.72
CIE _{LCh}	28, 37.424, 111.911
Yxy	5.4759, 0.3916, 0.5181
Android (android.graphics.Color)	4282140420 (0xFF3C4704)
YUV	60.0730, -27.6440, -0.0640
Hunter-Lab	23.4006, -9.3817, 13.9641

Details

The Hex color **3C4704** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **0F0447**, and the grayscale version is **3C3C3C**.

A 20% lighter version of the original color is **6E7735**, and **091C00** is the 20% darker color. If you saturate the color by 10%, you get **3B4700**, and if you desaturate by 10%, it is **3D470B**.

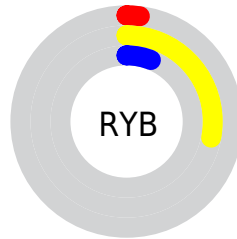
Distribution



Red (24%)

Green (28%)

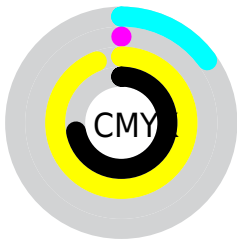
Blue (2%)



Red (2%)

Yellow (28%)

Blue (6%)

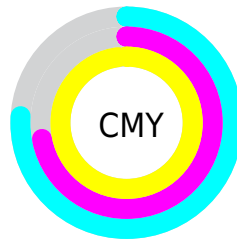


Cyan (15%)

Magenta (0%)

Yellow (94%)

Black (72%)



Cyan (76%)

Magenta (72%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3C4704 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 3C4704 by changing the saturation by 10% instead.

 3C4704

 3C4704

 FFFFEE

 253100

 6E7735

 091C00

 88914D

 000000

 A3AB66

 BFC780

 DBE39A

 F8FFB5

 FFFFD1

 3C4704

 3C4704

■ 3B4700

■ 3D470B

■ 3E4712

■ 3F4719

■ 414720

■ 424727

■ 43472F

■ 444736

■ 45473D

■ 464744

Harmonies

Analogous

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



573E01



3C4704



154C1C

Triad

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



3C4704



004D6F



72264B

Complementary

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



3C4704



0F0447

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.



5D3166



3C4704



00487B

Square

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



3C4704



005057



333E78



75272F

Rectangle

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



3C4704



004E2F



333E78



6D2955

Sweetspot

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



3C4704



585C42



470E04



2B2E1E



ADADAD



2E2E2E

Same Dimension

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



3C4704



4D5C00



1B4704



232420



536300



BEE300

Inverse Universe

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



0F0447



0F005C



300447



212024



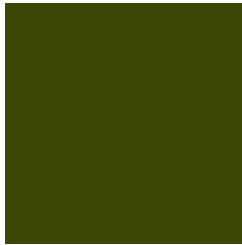
100063



2500E3

Previews

White Background



This preview shows how the Hex color 3C4704 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

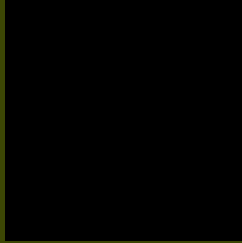
Any Text WCAG AA × Fail

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 3C4704 Background



This preview shows how black text looks on a background with the Hex color 3C4704.



This preview shows how white text looks on a background with the Hex color 3C4704.

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
3C4704

Protanopia
4B4200

Deuteranopia
543F0D



Tritanopia
424247

Trichromacy



Original Color
3C4704

Protanomaly
464401

Deuteranomaly
4B420A

Tritanomaly
40442F

Monochromacy



Original Color
3C4704

Achromatopsia
3C3C3C

Achromatomaly
3C4028

CSS Examples

Text

The CSS property to change the color of the text to Hex 3C4704 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 #3C4704 looks like.

```
.text, #text, p{  
    color:#3C4704  
}
```

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 #3C4704 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3C4704
}
```

Border

The CSS property to change the border of an element to Hex 3C4704 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
#3C4704 }
```

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

```
.border{ border-color:#3C4704 }
```

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

Here you see how a box with a 4 pixel #3C4704 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3C4704; -webkit-box-shadow:4px 4px  
4px 4px #3C4704; box-shadow:4px 4px 4px  
4px #3C4704 }
```

Background

The CSS property to change the background color of an element to Hex 3C4704 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3C4704 }
```

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

```
.background{ background-color:#3C4704 }
```

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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