

Converting Colors

Hex(3D4700)

Have a look what the booklet for
Hex(3D4700) contains.

Hex(3D4700)	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(3D4700)

Conversions

Conversions Part 1

Format	Color
Hex	3D4700
RGB	61, 71, 0
RGB Percent	24%, 28%, 0%
CMY	0.7608, 0.7216, 1.0000
CMYK	0.14, 0.00, 1.00, 0.72
HSL	68°, 100%, 14%
HSV	68°, 100%, 28%
XYZ	4.1777, 5.4986, 0.8411
YIQ	59.9160, 16.8310, -24.2010

Conversions

Conversions Part 2

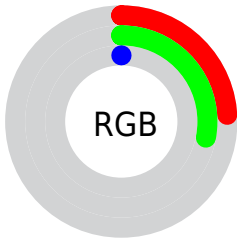
Format	Color
RYB	0, 71, 10
Decimal	4015872
CIELab	28.11, -13.68, 36.44
CIELCh	28, 38.917, 110.573
Yxy	5.4986, 0.3972, 0.5228
Android (android.graphics.Color)	4282205952 (0xFF3D4700)
YUV	59.9160, -29.5386, 0.9507
Hunter-Lab	23.4490, -9.2341, 14.2875

Details

The Hex color **3D4700** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **0A0047**, and the grayscale version is **3C3C3C**.

A 20% lighter version of the original color is **6F7732**, and **0A1C00** is the 20% darker color. If you saturate the color by 10%, you get **3D4700**, and if you desaturate by 10%, it is **3E4707**.

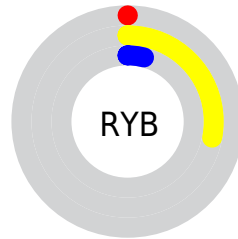
Distribution



Red (24%)

Green (28%)

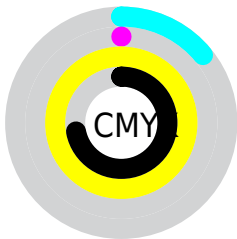
Blue (0%)



Red (0%)

Yellow (28%)

Blue (4%)

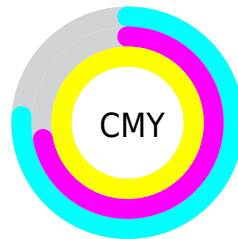


Cyan (14%)

Magenta (0%)

Yellow (100%)

Black (72%)



Cyan (76%)

Magenta (72%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3D4700 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 3D4700 by changing the saturation by 10% instead.

 3D4700

 3D4700

 FFFFEA

 263100

 6F7732

 0A1C00

 89914A

 000000

 A4AB63

 C0C77C

 DCE397

 F9FFB2

 FFFFCE

 3D4700

■ 3E4707

■ 3F470E

■ 404715

■ 41471C

■ 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.



593E00



3D4700



154D19

Triad

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



3D4700



004E70



73254D

Complementary

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



3D4700



0A0047

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.



5D3169



3D4700



00497E

Square

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



3D4700



005057



2E3E7B



77252F

Rectangle

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



3D4700



004F2D



2E3E7B



6E2857

Sweetspot

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



3D4700



585C40



470900



2C2E1D



ADADAD



2E2E2E

Same Dimension

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



3D4700



4F5C00



1A4700



232420



556300



C3E300

Inverse Universe

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



0A0047



0D005C



2D0047



212024



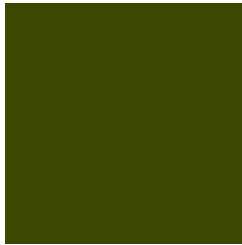
0E0063



2000E3

Previews

White Background



This preview shows how the Hex color 3D4700 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

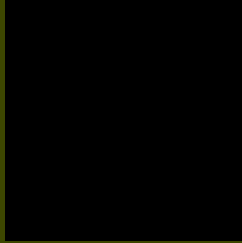
Any Text WCAG AA × Fail

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 3D4700 Background



This preview shows how black text looks on a background with the Hex color 3D4700.



This preview shows how white text looks on a background with the Hex color 3D4700.

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
3D4700

Protanopia
4B4300

Deuteranopia
543F0C



Tritanopia
434247

Trichromacy



Original Color
3D4700

Protanomaly
464400

Deuteranomaly
4C4208

Tritanomaly
41442D

Monochromacy



Original Color
3D4700

Achromatopsia
3C3C3C

Achromatomaly
3C4026

CSS Examples

Text

The CSS property to change the color of the text to Hex 3D4700 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 #3D4700 looks like.

```
.text, #text, p{  
    color:#3D4700  
}
```

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 #3D4700 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D4700
}
```

Border

The CSS property to change the border of an element to Hex 3D4700 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
#3D4700 }
```

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

```
.border{ border-color:#3D4700 }
```

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

Here you see how a box with a 4 pixel #3D4700 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D4700; -webkit-box-shadow:4px 4px  
4px 4px #3D4700; box-shadow:4px 4px 4px  
4px #3D4700 }
```

Background

The CSS property to change the background color of an element to Hex 3D4700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D4700 }
```

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

```
.background{ background-color:#3D4700 }
```

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