

Converting Colors

Hex(3C7400)

Have a look what the booklet for
Hex(3C7400) contains.

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Color

Hex(3C7400)

Conversions

Conversions Part 1

Format	Color
Hex	3C7400
RGB	60, 116, 0
RGB Percent	24%, 45%, 0%
CMY	0.7647, 0.5451, 1.0000
CMYK	0.48, 0.00, 1.00, 0.55
HSL	89°, 100%, 23%
HSV	89°, 100%, 45%
XYZ	8.1089, 13.4514, 2.1690
YIQ	86.0320, 3.8600, -47.9480

Conversions

Conversions Part 2

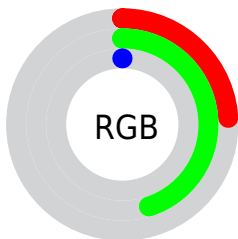
Format	Color
RYB	0, 116, 56
Decimal	3961856
CIELab	43.44, -36.08, 48.26
CIELCh	43, 60.253, 126.780
Yxy	13.4514, 0.3417, 0.5669
Android (android.graphics.Color)	4282151936 (0xFF3C7400)
YUV	86.0320, -42.4138, -22.8301
Hunter-Lab	36.6762, -24.7182, 22.1670

Details

The Hex color **3C7400** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **380074**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **72A93D**, and **004300** is the 20% darker color. If you saturate the color by 10%, you get **3C7400**, and if you desaturate by 10%, it is **42740C**.

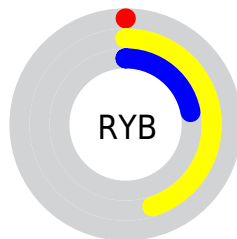
Distribution



Red (24%)

Green (45%)

Blue (0%)



Red (0%)

Yellow (45%)

Blue (22%)

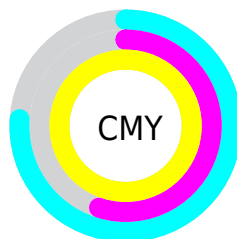


Cyan (48%)

Magenta (0%)

Yellow (100%)

Black (55%)



Cyan (76%)

Magenta (55%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3C7400 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 3C7400 by changing the saturation by 10% instead.

 3C7400

 3C7400

FFFFFFD

 205B00

 72A93D

 004300

 8DC457

 002C00

 A9E071

 001400

 C5FD8C

 000000

 E2FFA7

 FFFFC3

 FFFFEO

 3C7400

 42740C

 477417

 4D7423

 52742E

 58743A

 5E7446

 637451

 69745D

 6E7468

Harmonies

Analogous

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



726800



3C7400



007A3D

Triad

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



3C7400



0076C3



BE2C5D

Complementary

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



3C7400



380074

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.



AA398F



3C7400



0069CB

Square

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



3C7400



007CA2



7454B7



B63D2D

Rectangle

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



3C7400



007C60



7454B7



BA2D6E

Sweetspot

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



3C7400



819669



743600



3F4D31



CCCCCC



4D4D4D

Same Dimension

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



3C7400



4E9600



047400



383B35



3F7A00



81FA00

Inverse Universe

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



380074



490096



700074



38353B



3B007A



7900FA

Previews

White Background



This preview shows how the Hex color 3C7400 looks on a white background.

Color Contrast Check

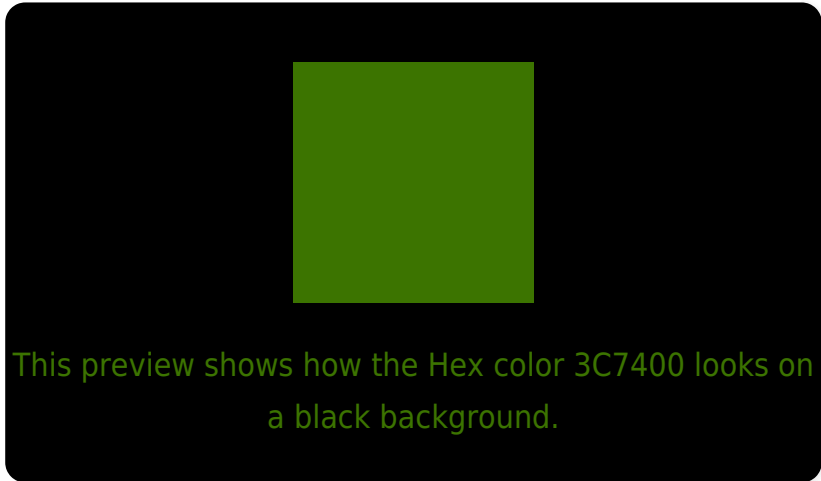
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 3C7400 Background



This preview shows how black text looks on a background with the Hex color 3C7400.



This preview shows how white text looks on a background with the Hex color 3C7400.

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
3C7400

Protanopia
736700

Deuteranopia
816118



Tritanopia
4B6C74

Trichromacy



Original Color
3C7400

Protanomaly
5F6C00

Deuteranomaly
68680F

Tritanomaly
466F4A

Monochromacy



Original Color
3C7400

Achromatopsia
565656

Achromatomaly
4D6137

CSS Examples

Text

The CSS property to change the color of the text to Hex 3C7400 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 #3C7400 looks like.

```
.text, #text, p{  
    color:#3C7400  
}
```

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 #3C7400 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3C7400
}
```

Border

The CSS property to change the border of an element to Hex 3C7400 is called "border". The border property can be set on classes, ids or directly on the HTML element.

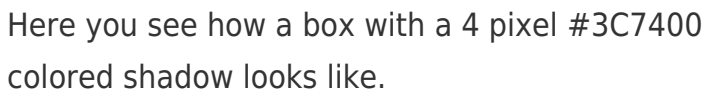
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3C7400 }
```

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

```
.border{ border-color:#3C7400 }
```

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



Here you see how a box with a 4 pixel #3C7400 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3C7400; -webkit-box-shadow:4px 4px  
4px 4px #3C7400; box-shadow:4px 4px 4px  
4px #3C7400 }
```

Background

The CSS property to change the background color of an element to Hex 3C7400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3C7400 }
```

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

```
.background{ background-color:#3C7400 }
```

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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