

Converting Colors

Hex(3C7344)

Have a look what the booklet for
Hex(3C7344) contains.

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Color

Hex(3C7344)

Conversions

Conversions Part 1

Format	Color
Hex	3C7344
RGB	60, 115, 68
RGB Percent	24%, 45%, 27%
CMY	0.7647, 0.5490, 0.7333
CMYK	0.48, 0.00, 0.41, 0.55
HSL	129°, 31%, 34%
HSV	129°, 48%, 45%
XYZ	9.0376, 13.6395, 7.6252
YIQ	93.1970, -17.6930, -26.2770

Conversions

Conversions Part 2

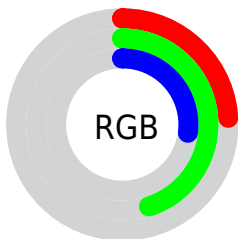
Format	Color
RYB	60, 108, 115
Decimal	3961668
CIELab	43.71, -29.16, 20.51
CIELCh	44, 35.655, 144.878
Yxy	13.6395, 0.2982, 0.4501
Android (android.graphics.Color)	4282151748 (0xFF3C7344)
YUV	93.1970, -12.4221, -29.1138
Hunter-Lab	36.9317, -20.9494, 13.6107

Details

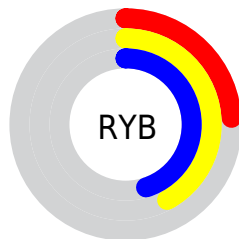
The Hex color **3C7344** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **733C6B**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **6FA775**, and **054218** is the 20% darker color. If you saturate the color by 10%, you get **31733A**, and if you desaturate by 10%, it is **48734E**.

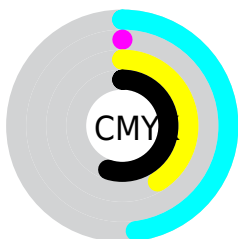
Distribution



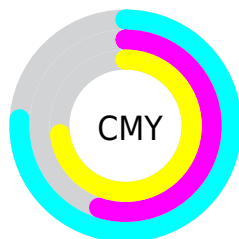
- Red (24%)
- Green (45%)
- Blue (27%)



- Red (24%)
- Yellow (42%)
- Blue (45%)



- Cyan (48%)
- Magenta (0%)
- Yellow (41%)
- Black (55%)



- Cyan (76%)
- Magenta (55%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3C7344 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 3C7344 by changing the saturation by 10% instead.



3C7344



3C7344

FFFFFF



235A2D



6FA775



054218



89C38E



002B00



A4DFA9



001500



C0FCC4



000000



DCFFE0



F9FFFD



3C7344



3C7344



31733A



48734E

 257330

 537358

 197327

 5E7361

 0E731D

 6A736B

 027313

 767375

 007311

 81737F

 8D7389

 987393

 A4739C

Harmonies

Analogous

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



606D2F



3C7344



007661

Triad

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



3C7344



216CA2



9E5050

Complementary

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



3C7344



733C6B

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.



9B4F6E



3C7344



61629D

Square

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



3C7344



007397



87568A



935938

Rectangle

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



3C7344



007676



87568A



9F4F5A

Sweetspot

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



3C7344



819684



6C733C



3F4D41



CCCCCC



4D4D4D

Same Dimension

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



3C7344



41964D



3C735F



353B36



007A12



00FA24

Inverse Universe

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



733C6B



96418A



733C50



3B353A



7A0069



FA00D6

Previews

White Background



This preview shows how the Hex color 3C7344 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 3C7344 Background



This preview shows how black text looks on a background with the Hex color 3C7344.



This preview shows how white text looks on a background with the Hex color 3C7344.

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
3C7344

Protanopia
70673F

Deuteranopia
7B6248



Tritanopia
476D76

Trichromacy



Original Color
3C7344

Protanomaly
5D6B41

Deuteranomaly
646847

Tritanomaly
436F64

Monochromacy



Original Color
3C7344

Achromatopsia
5D5D5D

Achromatomaly
516554

CSS Examples

Text

The CSS property to change the color of the text to Hex 3C7344 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 #3C7344 looks like.

```
.text, #text, p{  
    color:#3C7344  
}
```

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 #3C7344 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3C7344
}
```

Border

The CSS property to change the border of an element to Hex 3C7344 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
#3C7344 }
```

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

```
.border{ border-color:#3C7344 }
```

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

Here you see how a box with a 4 pixel #3C7344 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3C7344; -webkit-box-shadow:4px 4px  
4px 4px #3C7344; box-shadow:4px 4px 4px  
4px #3C7344 }
```

Background

The CSS property to change the background color of an element to Hex 3C7344 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3C7344 }
```

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

```
.background{ background-color:#3C7344 }
```

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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