

Converting Colors

Hex(3C793C)

Have a look what the booklet for
Hex(3C793C) contains.

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Color

Hex(3C793C)

Conversions

Conversions Part 1

Format	Color
Hex	3C793C
RGB	60, 121, 60
RGB Percent	24%, 47%, 24%
CMY	0.7647, 0.5255, 0.7647
CMYK	0.50, 0.00, 0.50, 0.53
HSL	120°, 34%, 35%
HSV	120°, 50%, 47%
XYZ	9.5165, 14.9616, 6.6613
YIQ	95.8070, -16.7750, -31.9030

Conversions

Conversions Part 2

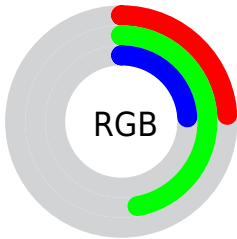
Format	Color
RYB	60, 121, 121
Decimal	3963196
CIELab	45.58, -33.26, 27.37
CIELCh	46, 43.075, 140.553
Yxy	14.9616, 0.3056, 0.4805
Android (android.graphics.Color)	4282153276 (0xFF3C793C)
YUV	95.8070, -17.6529, -31.4027
Hunter-Lab	38.6803, -23.7744, 16.8656

Details

The Hex color **3C793C** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **793C79**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **70AE6D**, and **00480E** is the 20% darker color. If you saturate the color by 10%, you get **307930**, and if you desaturate by 10%, it is **487948**.

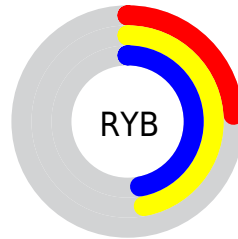
Distribution



Red (24%)

Green (47%)

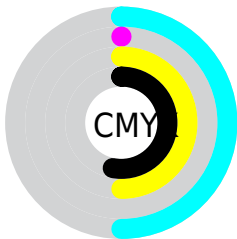
Blue (24%)



Red (24%)

Yellow (47%)

Blue (47%)

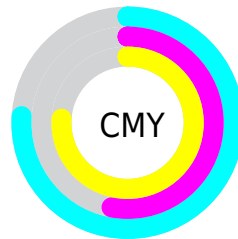


Cyan (50%)

Magenta (0%)

Yellow (50%)

Black (53%)



Cyan (76%)

Magenta (53%)

Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3C793C 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 3C793C by changing the saturation by 10% instead.



3C793C



3C793C

FFFFFF



216025



70AE6D



00480E



8BCA86



003000



A6E6A1



001C00



C2FFBC



000000



DEFFD8



FBFFF5



3C793C



3C793C



307930



487948

 247924

 547954

 187918

 607960


 0C790C

 6C796C

 007900

 787978

 857985

 917991

 9D799D

 A979A9

Harmonies

Analogous

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



687223



3C793C



007D5F

Triad

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



3C793C



0073B3



AE4D55

Complementary

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



3C793C



793C79

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.



A84D79



3C793C



5967AF

Square

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



3C793C



007BA3



8D589A



A25835

Rectangle

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



3C793C



007E78



8D589A



AE4B61

Sweetspot

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



3C793C



869E86



79793C



414F41



CFCFCF



4F4F4F

Same Dimension

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



3C793C



3F9E3F



3C795A



373D37



007D00



00FC00

Inverse Universe

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



793C79



9E3F9E



793C5A



3D373D



7D007D



FC00FC

Previews

White Background



This preview shows how the Hex color 3C793C looks on a white background.

Color Contrast Check

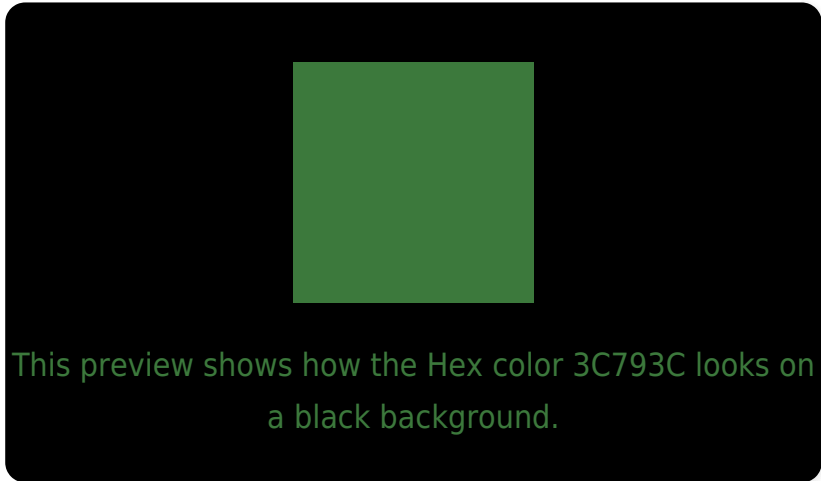
Large Text (above 18pt) WCAG AA ✓ Pass

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

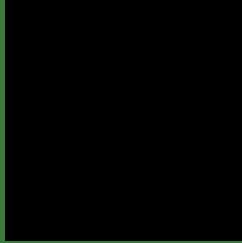
Any Text WCAG AA × Fail

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 3C793C Background



This preview shows how black text looks on a background with the Hex color 3C793C.



This preview shows how white text looks on a background with the Hex color 3C793C.

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
3C793C

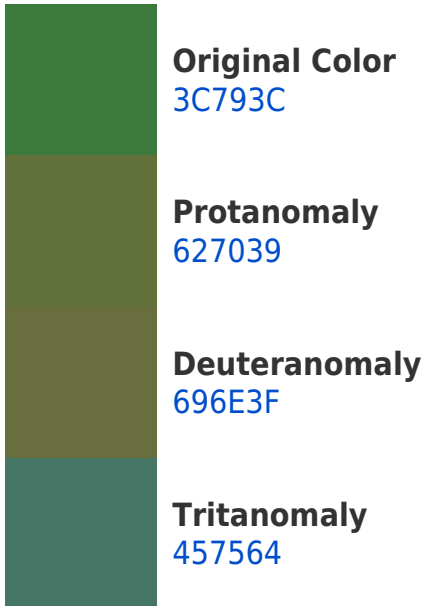
Protanopia
776B37

Deuteranopia
826741



Tritanopia
4A727B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3C793C 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 #3C793C looks like.

```
.text, #text, p{  
    color:#3C793C  
}
```

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 #3C793C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3C793C
}
```

Border

The CSS property to change the border of an element to Hex 3C793C 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
#3C793C }
```

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

```
.border{ border-color:#3C793C }
```

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

Here you see how a box with a 4 pixel #3C793C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3C793C; -webkit-box-shadow:4px 4px  
4px 4px #3C793C; box-shadow:4px 4px 4px  
4px #3C793C }
```

Background

The CSS property to change the background color of an element to Hex 3C793C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3C793C }
```

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

```
.background{ background-color:#3C793C }
```

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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