

Converting Colors

Hex(3D803D)

Have a look what the booklet for
Hex(3D803D) contains.

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Color

Hex(3D803D)

Conversions

Conversions Part 1

Format	Color
Hex	3D803D
RGB	61, 128, 61
RGB Percent	24%, 50%, 24%
CMY	0.7608, 0.4980, 0.7608
CMYK	0.52, 0.00, 0.52, 0.50
HSL	120°, 35%, 37%
HSV	120°, 52%, 50%
XYZ	10.4859, 16.7674, 7.0986
YIQ	100.3290, -18.4250, -35.0410

Conversions

Conversions Part 2

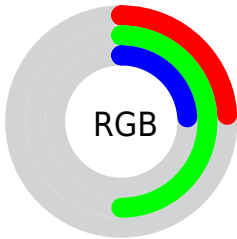
Format	Color
RYB	61, 128, 128
Decimal	4030525
CIELab	47.97, -35.91, 29.79
CIELCh	48, 46.657, 140.320
Yxy	16.7674, 0.3053, 0.4881
Android (android.graphics.Color)	4282220605 (0xFF3D803D)
YUV	100.3290, -19.3892, -34.4915
Hunter-Lab	40.9480, -25.9487, 18.3852

Details

The Hex color **3D803D** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **803D80**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **72B56E**, and **004E0E** is the 20% darker color. If you saturate the color by 10%, you get **308030**, and if you desaturate by 10%, it is **4A804A**.

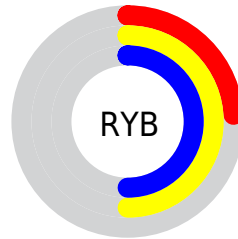
Distribution



Red (24%)

Green (50%)

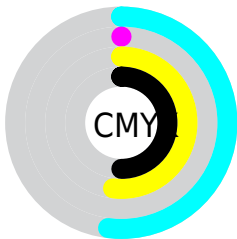
Blue (24%)



Red (24%)

Yellow (50%)

Blue (50%)

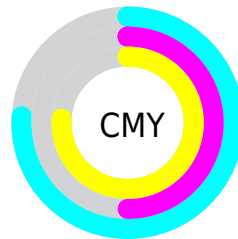


Cyan (52%)

Magenta (0%)

Yellow (52%)

Black (50%)



Cyan (76%)

Magenta (50%)

Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3D803D 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 3D803D by changing the saturation by 10% instead.

 3D803D

 3D803D

FFFFFF

 216626

 72B56E

 004E0E

 8DD188

 003600

 A8EEA2

 002300

 C4FFBE

 000000

 E1FFDA

 FEFFF6

 3D803D

 3D803D

 308030

 4A804A

 238023

 578057

 178017

 638063

 0A800A

 708070

 008000

 7D807D

 8A808A

 978097

 A380A3

 B080B0

Harmonies

Analogous

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



6D7821



3D803D



008463

Triad

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



3D803D



007ABF



BA4F59

Complementary

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



3D803D



803D80

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.



B34F80



3D803D



5C6DBC

Square

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



3D803D



0082AE



955CA5



AD5C36

Rectangle

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



3D803D



00857F



955CA5



BA4E66

Sweetspot

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



3D803D



8BA68B



80803D



445444



D4D4D4



545454

Same Dimension

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



3D803D



3DA63D



3D805F



394039



008000



000000

Inverse Universe

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



803D80



A63DA6



803D5F



403940



800080



000000

Previews

White Background



This preview shows how the Hex color 3D803D looks on a white background.

Color Contrast Check

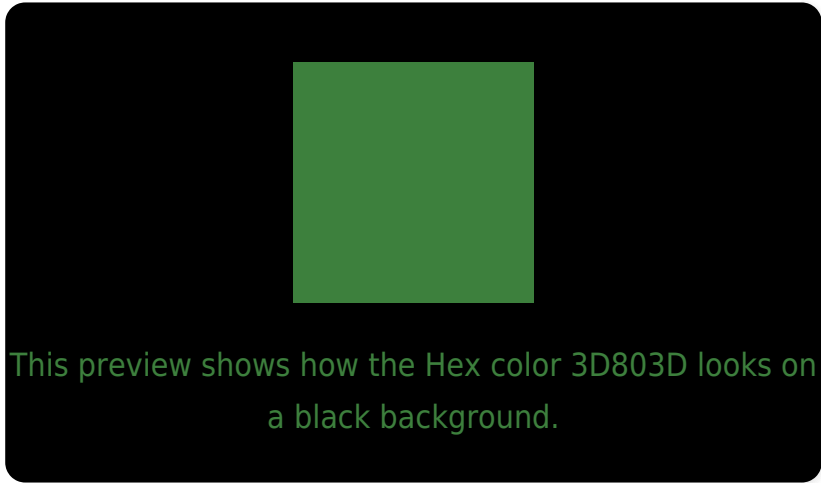
Large Text (above 18pt) WCAG AA ✓ Pass

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 3D803D Background



This preview shows how black text looks on a background with the Hex color 3D803D.



This preview shows how white text looks on a background with the Hex color 3D803D.

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
3D803D

Protanopia
7D7138

Deuteranopia
8A6C42



Tritanopia
4C7982

Trichromacy



Original Color
3D803D

Protanomaly
66763A

Deuteranomaly
6E7340

Tritanomaly
477C69

Monochromacy



Original Color
3D803D

Achromatopsia
646464

Achromatomaly
566E56

CSS Examples

Text

The CSS property to change the color of the text to Hex 3D803D 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 #3D803D looks like.

```
.text, #text, p{  
    color:#3D803D  
}
```

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 #3D803D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D803D
}
```

Border

The CSS property to change the border of an element to Hex 3D803D 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
#3D803D }
```

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

```
.border{ border-color:#3D803D }
```

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

Here you see how a box with a 4 pixel #3D803D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D803D; -webkit-box-shadow:4px 4px  
4px 4px #3D803D; box-shadow:4px 4px 4px  
4px #3D803D }
```

Background

The CSS property to change the background color of an element to Hex 3D803D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D803D }
```

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

```
.background{ background-color:#3D803D }
```

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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