

Converting Colors

Hex(3D813C)

Have a look what the booklet for
Hex(3D813C) contains.

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Color

Hex(3D813C)

Conversions

Conversions Part 1

Format	Color
Hex	3D813C
RGB	61, 129, 60
RGB Percent	24%, 51%, 24%
CMY	0.7608, 0.4941, 0.7647
CMYK	0.53, 0.00, 0.53, 0.49
HSL	119°, 37%, 37%
HSV	119°, 53%, 51%
XYZ	10.5903, 17.0189, 7.0018
YIQ	100.8020, -18.3790, -35.8750

Conversions

Conversions Part 2

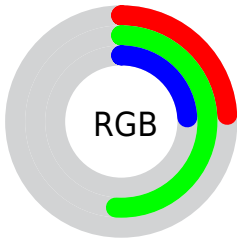
Format	Color
RYB	60, 129, 128
Decimal	4030780
CIELab	48.28, -36.49, 30.71
CIELCh	48, 47.688, 139.916
Yxy	17.0189, 0.3060, 0.4917
Android (android.graphics.Color)	4282220860 (0xFF3D813C)
YUV	100.8020, -20.1154, -34.9064
Hunter-Lab	41.2539, -26.3714, 18.8148

Details

The Hex color **3D813C** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **803C81**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **72B76D**, and **004F0D** is the 20% darker color. If you saturate the color by 10%, you get **30812F**, and if you desaturate by 10%, it is **4A8149**.

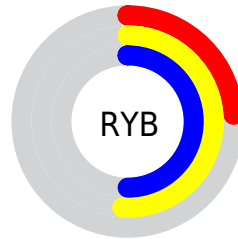
Distribution



Red (24%)

Green (51%)

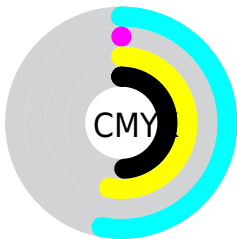
Blue (24%)



Red (24%)

Yellow (51%)

Blue (50%)

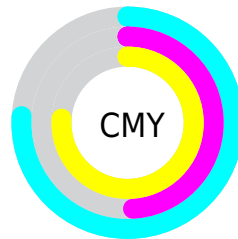


Cyan (53%)

Magenta (0%)

Yellow (53%)

Black (49%)



Cyan (76%)

Magenta (49%)

Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3D813C 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 3D813C by changing the saturation by 10% instead.

 3D813C

 3D813C

FFFFFF

 216725

 72B76D

 004F0D

 8DD287

 003700

 A9EFA1

 002300

 C5FFBD

 000000

 E1FFD9

 FFFFF5

 3D813C

 3D813C

 30812F

 4A8149

■ 248122

■ 568156

■ 178115

■ 638163

■ 0A8108

■ 708170

■ 028100

■ 7D817D

■ 898189

■ 968196

■ A381A3

■ AF81B0

Harmonies

Analogous

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



6E7920



3D813C



008563

Triad

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



3D813C



007BC2



BC4F5A

Complementary

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



3D813C



803C81

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.



B54F82



3D813C



5B6EBF

Square

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



3D813C



0083B0



965CA7



AF5C36

Rectangle

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



3D813C



00867F



965CA7



BC4D67

Sweetspot

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



3D813C



8EA88D



81803C



445444



D4D4D4



545454

Same Dimension

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



3D813C



3EA83D



3C815D



394039



028000



000000

Inverse Universe

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



803C81



A73DA8



813C60



403940



7E0080



000000

Previews

White Background



This preview shows how the Hex color 3D813C looks on a white background.

Color Contrast Check

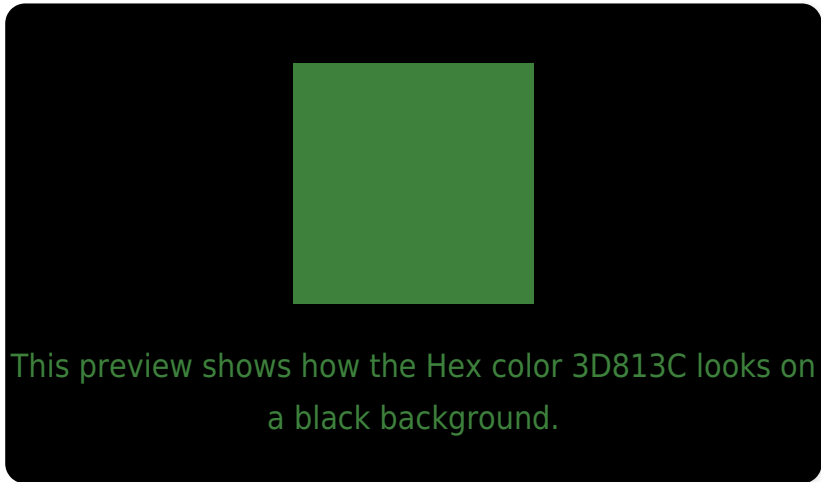
Large Text (above 18pt) WCAG AA ✓ Pass

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

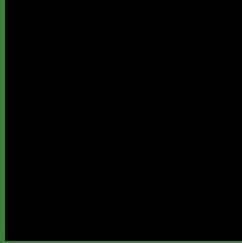
Any Text WCAG AA × Fail

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 3D813C Background



This preview shows how black text looks on a background with the Hex color 3D813C.



This preview shows how white text looks on a background with the Hex color 3D813C.

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
3D813C

Protanopia
7E7237

Deuteranopia
8B6D41



Tritanopia
4D7983

Trichromacy



Original Color
3D813C

Protanomaly
667739

Deuteranomaly
6F743F

Tritanomaly
477C69

Monochromacy



Original Color
3D813C

Achromatopsia
656565

Achromatomaly
566F56

CSS Examples

Text

The CSS property to change the color of the text to Hex 3D813C 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 #3D813C looks like.

```
.text, #text, p{  
    color:#3D813C  
}
```

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 #3D813C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D813C
}
```

Border

The CSS property to change the border of an element to Hex 3D813C 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
#3D813C }
```

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

```
.border{ border-color:#3D813C }
```

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

Here you see how a box with a 4 pixel #3D813C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D813C; -webkit-box-shadow:4px 4px  
4px 4px #3D813C; box-shadow:4px 4px 4px  
4px #3D813C }
```

Background

The CSS property to change the background color of an element to Hex 3D813C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D813C }
```

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

```
.background{ background-color:#3D813C }
```

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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