

Converting Colors

Hex(3D853D)

Have a look what the booklet for
Hex(3D853D) contains.

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Color

Hex(3D853D)

Conversions

Conversions Part 1

Format	Color
Hex	3D853D
RGB	61, 133, 61
RGB Percent	24%, 52%, 24%
CMY	0.7608, 0.4784, 0.7608
CMYK	0.54, 0.00, 0.54, 0.48
HSL	120°, 37%, 38%
HSV	120°, 54%, 52%
XYZ	11.1543, 18.1041, 7.3214
YIQ	103.2640, -19.8000, -37.6560

Conversions

Conversions Part 2

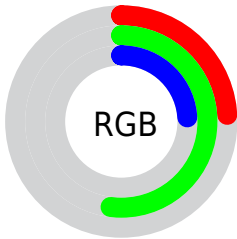
Format	Color
RYB	61, 133, 133
Decimal	4031805
CIELab	49.62, -38.06, 31.81
CIELCh	50, 49.603, 140.107
Yxy	18.1041, 0.3049, 0.4949
Android (android.graphics.Color)	4282221885 (0xFF3D853D)
YUV	103.2640, -20.8362, -37.0655
Hunter-Lab	42.5489, -27.6663, 19.5821

Details

The Hex color **3D853D** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **853D85**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **73BB6E**, and **00520D** is the 20% darker color. If you saturate the color by 10%, you get **308530**, and if you desaturate by 10%, it is **4A854A**.

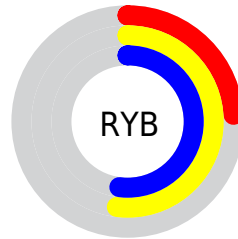
Distribution



Red (24%)

Green (52%)

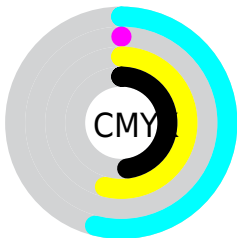
Blue (24%)



Red (24%)

Yellow (52%)

Blue (52%)

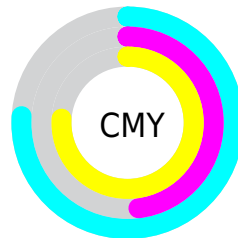


Cyan (54%)

Magenta (0%)

Yellow (54%)

Black (48%)



Cyan (76%)

Magenta (48%)

Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3D853D 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 3D853D by changing the saturation by 10% instead.

 3D853D

 3D853D

FFFFFF

 216B25

 73BB6E

 00520D

 8ED788

 003B00

 A9F3A3

 002600

 C6FFBE

 000000

 E2FFDA

 FFFFF7

 3D853D

 3D853D

 308530

 4A854A

■ 228522

■ 588558

■ 158515

■ 658565

■ 088508

■ 728572

■ 008500

■ 808580

■ 8D858D

■ 9A859A

■ A785A7

■ B585B5

Harmonies

Analogous

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



717C1F



3D853D



008966

Triad

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



3D853D



007FC9



C2505C

Complementary

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



3D853D



853D85

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.



BB5086



3D853D



5D71C5

Square

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



3D853D



0087B6



9B5FAD



B55E36

Rectangle

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



3D853D



008A83



9B5FAD



C34F69

Sweetspot

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



3D853D



92AD92



85853D



465746



D6D6D6



575757

Same Dimension

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



3D853D



3DAD3D



3D8561



3C423C



008200



000300

Inverse Universe

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



853D85



AD3DAD



853D61



423C42



820082



030003

Previews

White Background



This preview shows how the Hex color 3D853D looks on a white background.

Color Contrast Check

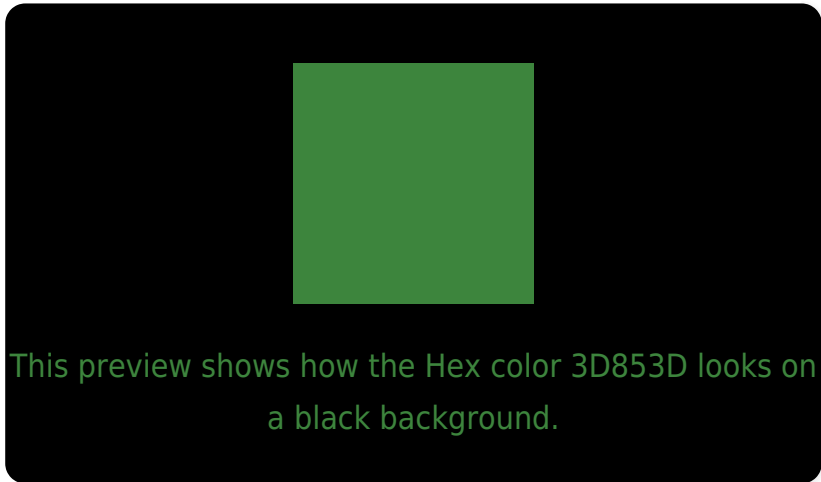
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 3D853D Background



This preview shows how black text looks on a background with the Hex color 3D853D.



This preview shows how white text looks on a background with the Hex color 3D853D.

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
3D853D

Protanopia
827538

Deuteranopia
8F7043



Tritanopia
4E7D87

Trichromacy



Original Color
3D853D

Protanomaly
697B3A

Deuteranomaly
717841

Tritanomaly
48806C

Monochromacy



Original Color
3D853D

Achromatopsia
676767

Achromatomaly
587258

CSS Examples

Text

The CSS property to change the color of the text to Hex 3D853D 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 #3D853D looks like.

```
.text, #text, p{  
    color:#3D853D  
}
```

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 #3D853D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D853D
}
```

Border

The CSS property to change the border of an element to Hex 3D853D 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
#3D853D }
```

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

```
.border{ border-color:#3D853D }
```

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

Here you see how a box with a 4 pixel #3D853D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D853D; -webkit-box-shadow:4px 4px  
4px 4px #3D853D; box-shadow:4px 4px 4px  
4px #3D853D }
```

Background

The CSS property to change the background color of an element to Hex 3D853D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D853D }
```

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

```
.background{ background-color:#3D853D }
```

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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