

Converting Colors

Hex(37853D)

Have a look what the booklet for
Hex(37853D) contains.

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Color

Hex(37853D)

Conversions

Conversions Part 1

Format	Color
Hex	37853D
RGB	55, 133, 61
RGB Percent	22%, 52%, 24%
CMY	0.7843, 0.4784, 0.7608
CMYK	0.59, 0.00, 0.54, 0.48
HSL	125°, 41%, 37%
HSV	125°, 59%, 52%
XYZ	10.8054, 17.9242, 7.3051
YIQ	101.4700, -23.3760, -38.9280

Conversions

Conversions Part 2

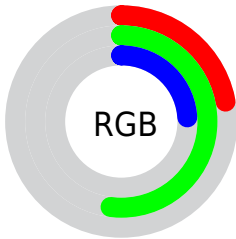
Format	Color
RYB	55, 127, 133
Decimal	3638589
CIELab	49.40, -39.70, 31.50
CIELCh	49, 50.675, 141.570
Yxy	17.9242, 0.2999, 0.4974
Android (android.graphics.Color)	4281828669 (0xFF37853D)
YUV	101.4700, -19.9517, -40.7542
Hunter-Lab	42.3370, -28.5324, 19.4056

Details

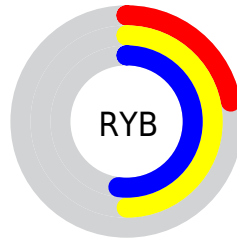
The Hex color **37853D** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **85377F**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **6DBB6E**, and **00520D** is the 20% darker color. If you saturate the color by 10%, you get **2A8531**, and if you desaturate by 10%, it is **448549**.

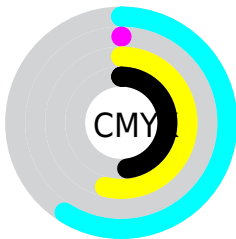
Distribution



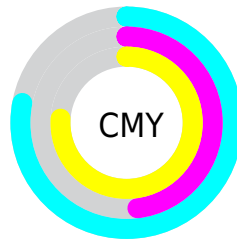
- Red (22%)
- Green (52%)
- Blue (24%)



- Red (22%)
- Yellow (50%)
- Blue (52%)



- Cyan (59%)
- Magenta (0%)
- Yellow (54%)
- Black (48%)



- Cyan (78%)
- Magenta (48%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 37853D 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 37853D by changing the saturation by 10% instead.

 37853D

 37853D

FFFFFF

 186B25

 6DBB6E

 00520D

 89D788

 003A00

 A4F4A3

 002600

 C1FFBE

 000000

 DDFFDA

 FBFFF7

 37853D

 37853D

 2A8531

 448549

 1C8524

 528556

 0F8518

 5F8562

 02850C

 6C856E

 00850A

 7A857A

 878587

 948593

 A1859F

 AF85AB

Harmonies

Analogous

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



6E7D1C



37853D



008967

Triad

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



37853D



007ECB



C34F58

Complementary

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



37853D



85377F

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.



BD4E83



37853D



606FC6

Square

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



37853D



0087B8



9E5CAB



B45E33

Rectangle

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



37853D



008A85



9E5CAB



C44D67

Sweetspot

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



37853D



8EAD91



808537



445745



D6D6D6



575757

Same Dimension

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



37853D



34AD3D



378563



3C423C



00820A



000300

Inverse Universe

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



85377F



AD34A4



853759



423C42



820078



030002

Previews

White Background



This preview shows how the Hex color 37853D looks on a white background.

Color Contrast Check

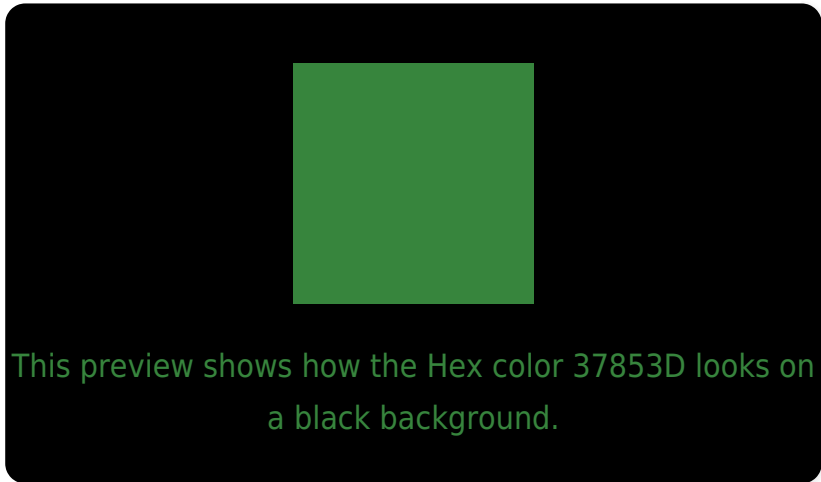
Large Text (above 18pt) WCAG AA ✓ Pass

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 37853D Background



This preview shows how black text looks on a background with the Hex color 37853D.



This preview shows how white text looks on a background with the Hex color 37853D.

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
37853D

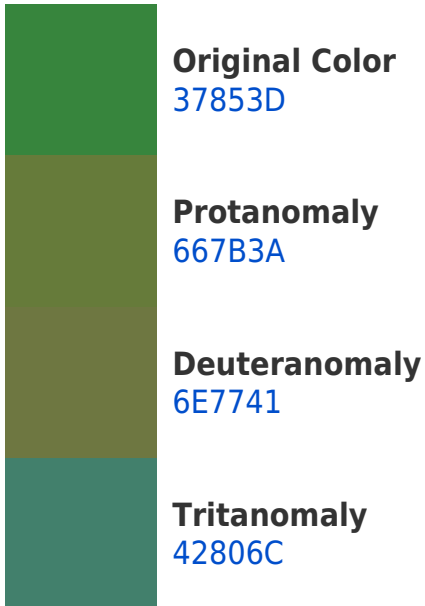
Protanopia
817538

Deuteranopia
8E6F43

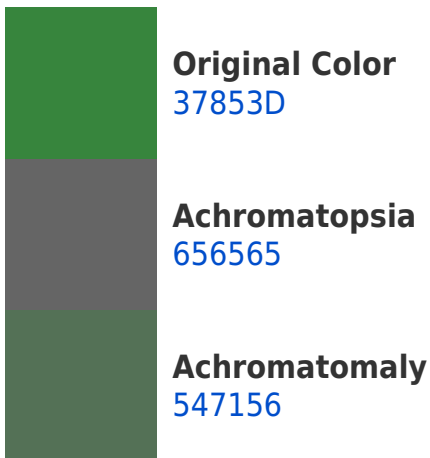


Tritanopia
497D87

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 37853D 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 #37853D looks like.

```
.text, #text, p{  
    color:#37853D  
}
```

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 #37853D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #37853D
}
```

Border

The CSS property to change the border of an element to Hex 37853D 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
#37853D }
```

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

```
.border{ border-color:#37853D }
```

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

Here you see how a box with a 4 pixel #37853D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #37853D; -webkit-box-shadow:4px 4px  
4px 4px #37853D; box-shadow:4px 4px 4px  
4px #37853D }
```

Background

The CSS property to change the background color of an element to Hex 37853D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#37853D }
```

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

```
.background{ background-color:#37853D }
```

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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