

Converting Colors

Hex(378742)

Have a look what the booklet for
Hex(378742) contains.

Hex(378742)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(378742)

Conversions

Conversions Part 1

Format	Color
Hex	378742
RGB	55, 135, 66
RGB Percent	22%, 53%, 26%
CMY	0.7843, 0.4706, 0.7412
CMYK	0.59, 0.00, 0.51, 0.47
HSL	128°, 42%, 37%
HSV	128°, 59%, 53%
XYZ	11.2229, 18.5335, 8.1401
YIQ	103.2140, -25.5310, -38.4190

Conversions

Conversions Part 2

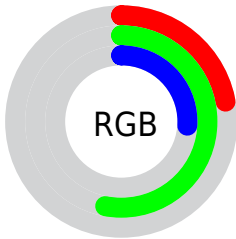
Format	Color
RYB	55, 125, 135
Decimal	3639106
CIELab	50.14, -39.78, 29.78
CIElCh	50, 49.686, 143.182
Yxy	18.5335, 0.2961, 0.4891
Android (android.graphics.Color)	4281829186 (0xFF378742)
YUV	103.2140, -18.3465, -42.2837
Hunter-Lab	43.0506, -28.8052, 18.9247

Details

The Hex color **378742** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **87377C**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **6EBD73**, and **005413** is the 20% darker color. If you saturate the color by 10%, you get **2A8736**, and if you desaturate by 10%, it is **45874E**.

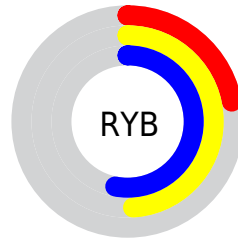
Distribution



Red (22%)

Green (53%)

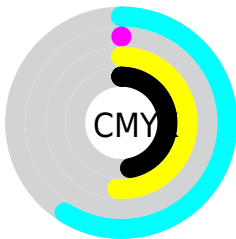
Blue (26%)



Red (22%)

Yellow (49%)

Blue (53%)

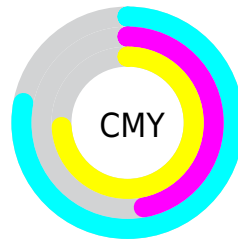


Cyan (59%)

Magenta (0%)

Yellow (51%)

Black (47%)



Cyan (78%)

Magenta (47%)

Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color 378742 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 378742 by changing the saturation by 10% instead.

 378742

 378742

FFFFFF

 186D2B

 6EBD73

 005413

 89D98D

 003C00

 A5F6A8

 002700

 C1FFC4

 000100

 DEFFE0

 000000

 FBFFFD

 378742

 378742

 2A8736

 45874E

 1C872B

 528759

 0F871F

 608765

 018713

 6D8771

 008713

 7B877C

 888788

 968794

 A3879F

 B187AB

Harmonies

Analogous

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



6E7F22



378742



008B6C

Triad

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



378742



007FCB



C45359

Complementary

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



378742



87377C

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.



BF5183



378742



6770C5

Square

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



378742



0088BA



A15EAA



B46134

Rectangle

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



378742



008C89



A15EAA



C55066

Sweetspot

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



378742



90B095



7C8737



465948



D9D9D9



595959

Same Dimension

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



378742



33B044



37876A



3C423D



008212



000300

Inverse Universe

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



87377C



B0339F



873754



423C41



820070



030002

Previews

White Background



This preview shows how the Hex color 378742 looks on a white background.

Color Contrast Check

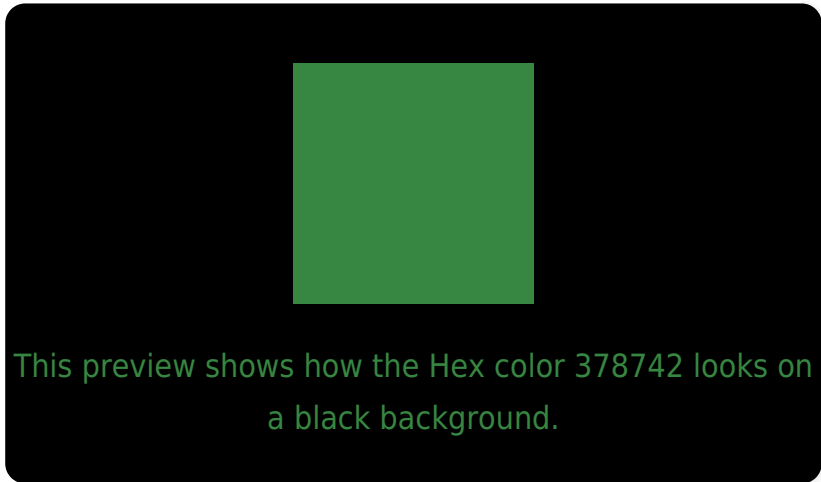
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

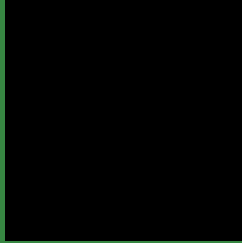
Any Text WCAG AA ✓ Pass

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 378742 Background



This preview shows how black text looks on a background with the Hex color 378742.



This preview shows how white text looks on a background with the Hex color 378742.

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
378742

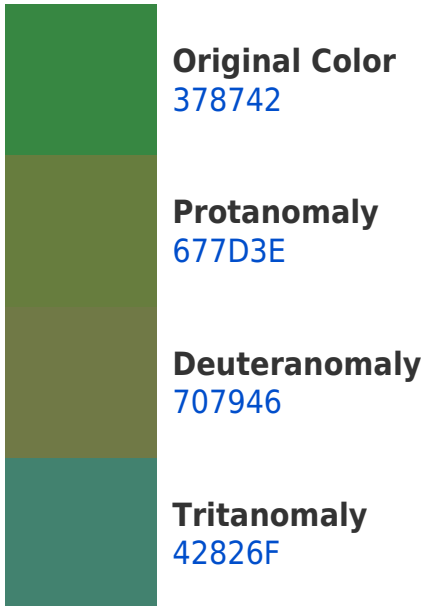
Protanopia
83773C

Deuteranopia
907148

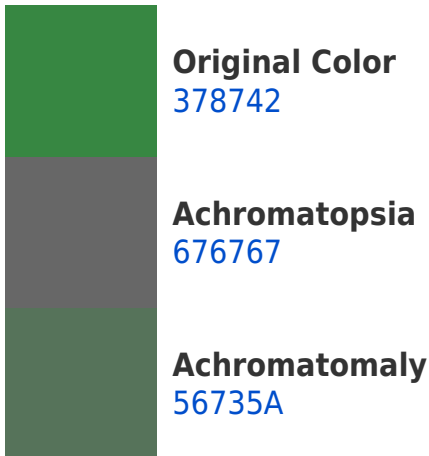


Tritanopia
497F89

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 378742 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 #378742 looks like.

```
.text, #text, p{  
    color:#378742  
}
```

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 #378742 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #378742
}
```

Border

The CSS property to change the border of an element to Hex 378742 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
#378742 }
```

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

```
.border{ border-color:#378742 }
```

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

Here you see how a box with a 4 pixel #378742 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #378742; -webkit-box-shadow:4px 4px  
4px 4px #378742; box-shadow:4px 4px 4px  
4px #378742 }
```

Background

The CSS property to change the background color of an element to Hex 378742 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#378742 }
```

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

```
.background{ background-color:#378742 }
```

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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor