

# Converting Colors

Hex(378B33)

Have a look what the booklet for  
Hex(378B33) contains.

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**Color**

**Hex(378B33)**

# Conversions

## Conversions Part 1

Format	Color
Hex	378B33
RGB	55, 139, 51
RGB Percent	22%, 55%, 20%
CMY	0.7843, 0.4549, 0.8000
CMYK	0.60, 0.00, 0.63, 0.45
HSL	117°, 46%, 37%
HSV	117°, 63%, 55%
XYZ	11.4057, 19.5165, 6.2979
YIQ	103.8520, -21.8160, -45.1760

# Conversions

## Conversions Part 2

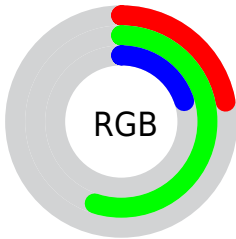
<b>Format</b>	<b>Color</b>
<b>RYB</b>	51, 139, 135
Decimal	3640115
CIELab	51.29, -43.40, 38.66
CIELCh	51, 58.128, 138.306
Yxy	19.5165, 0.3064, 0.5244
Android (android.graphics.Color)	4281830195 (0xFF378B33)
YUV	103.8520, -26.0560, -42.8432
Hunter-Lab	44.1775, -31.2255, 22.4719

# Details

The Hex color **378B33** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **87338B**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **6FC165**, and **005800** is the 20% darker color. If you saturate the color by 10%, you get **2A8B25**, and if you desaturate by 10%, it is **448B41**.

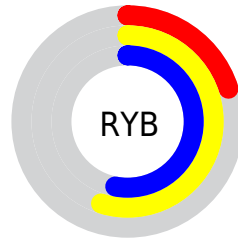
# Distribution



Red (22%)

Green (55%)

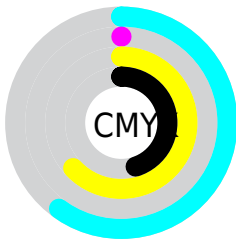
Blue (20%)



Red (20%)

Yellow (55%)

Blue (53%)

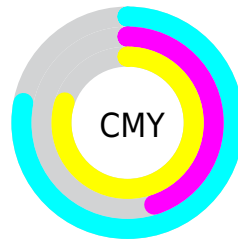


Cyan (60%)

Magenta (0%)

Yellow (63%)

Black (45%)



Cyan (78%)

Magenta (45%)

Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 378B33 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 378B33 by changing the saturation by 10% instead.



 378B33

 378B33

FFFFFF

 16711A

 6FC165

 005800

 8BDE7F

 003F00

 A7FA99

 002A00

 C3FFB5

 000900

 E0FFD1

 000000

 FEFFED

 378B33

 378B33

 2A8B25

 448B41

 1C8B17

 528B4F

 0F8B09

 5F8B5D

 068B00

 6C8B6B

 798B79

 878B86

 948B94

 A18BA2

 AE8BB0

# Harmonies

## Analogous

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



758103



378B33



009064

# Triad

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



378B33



0086DC



D34A5E

# Complementary

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



378B33



87338B

# 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.



CA4B90



378B33



5175D9

# Square

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



378B33



008EC4



A25FBD



C45C31

# Rectangle

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



378B33



009187



A25FBD



D3476E



# Sweetspot

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



378B33



94B593



8B8733



485C47



DBDBDB



5C5C5C



# Same Dimension

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



378B33



32B52B



338B5B



3E453E



068500



000500



# Inverse Universe

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



87338B



AF2BB5



8B3363



453E45



7F0085



050005



# Previews

## White Background



This preview shows how the Hex color 378B33 looks on a white background.

## Color Contrast Check

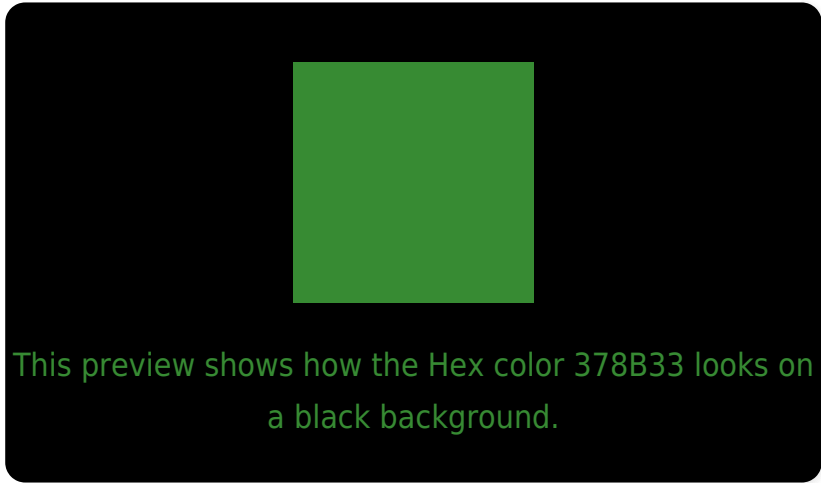
Large Text (above 18pt) WCAG AA ✓ Pass

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

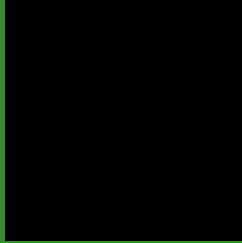
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 378B33 Background



This preview shows how black text looks on a background with the Hex color 378B33.




This preview shows how white text looks on a background with the Hex color 378B33.

# 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](#).

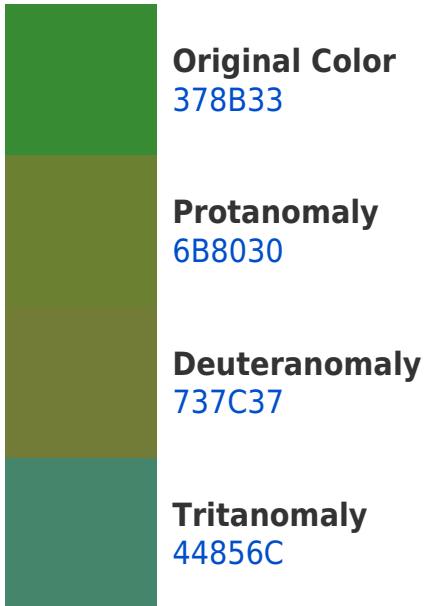
## Dichromacy



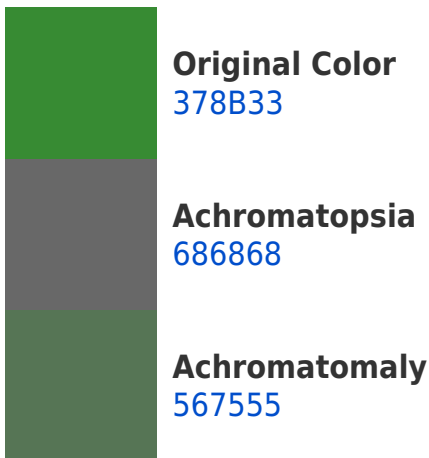


**Tritanopia**  
4C828D

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 378B33 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 #378B33 looks like.

```
.text, #text, p{  
    color:#378B33  
}
```

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 #378B33 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #378B33
}
```

## Border

The CSS property to change the border of an element to Hex 378B33 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
#378B33 }
```

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

```
.border{ border-color:#378B33 }
```

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

Here you see how a box with a 4 pixel #378B33 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #378B33; -webkit-box-shadow:4px 4px  
4px 4px #378B33; box-shadow:4px 4px 4px  
4px #378B33 }
```

# Background

The CSS property to change the background color of an element to Hex 378B33 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#378B33 }
```

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

```
.background{ background-color:#378B33 }
```

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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