

Converting Colors

Hex(378237)

Have a look what the booklet for
Hex(378237) contains.

Hex(378237)	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(378237)

Conversions

Conversions Part 1	
Format	Color
Hex	378237
RGB	55, 130, 55
RGB Percent	22%, 51%, 22%
CMY	0.7843, 0.4902, 0.7843
CMYK	0.58, 0.00, 0.58, 0.49
HSL	120°, 41%, 36%
HSV	120°, 58%, 51%
XYZ	10.2478, 17.0533, 6.3659
YIQ	99.0250, -20.6250, -39.2250

Conversions

Conversions Part 2

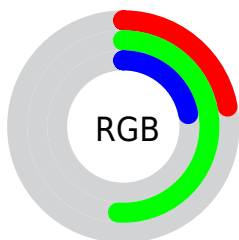
Format	Color
RYB	55, 130, 130
Decimal	3637815
CIELab	48.33, -39.30, 33.28
CIELCh	48, 51.498, 139.735
Yxy	17.0533, 0.3044, 0.5065
Android (android.graphics.Color)	4281827895 (0xFF378237)
YUV	99.0250, -21.7043, -38.6099
Hunter-Lab	41.2957, -27.9716, 19.7671

Details

The Hex color **378237** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **823782**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **6DB868**, and **005005** is the 20% darker color. If you saturate the color by 10%, you get **2A822A**, and if you desaturate by 10%, it is **448244**.

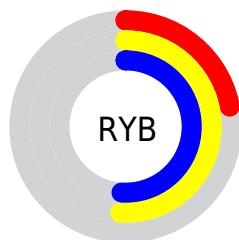
Distribution



Red (22%)

Green (51%)

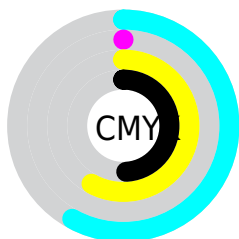
Blue (22%)



Red (22%)

Yellow (51%)

Blue (51%)

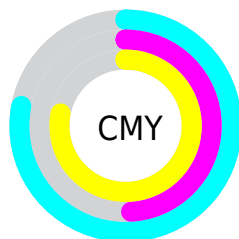


Cyan (58%)

Magenta (0%)

Yellow (58%)

Black (49%)



Cyan (78%)

Magenta (49%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 378237 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 378237 by changing the saturation by 10% instead.

 378237

 378237

FFFFFF

 19681F

 6DB868

 005005

 88D482

 003800

 A4F09C

 002400

 C0FFB8

 000000

 DDFFD3

 FAFFF0

 378237

 378237

 2A822A

 448244

 1D821D

 518251

 108210

 5E825E

 038203

 6B826B

 008200

 788278

 858285

 928292

 9F829F

 AC82AC

Harmonies

Analogous

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



6D7915



378237



008662

Triad

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



378237



007CC8



C14B58

Complementary

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



378237



823782

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.



BA4B84



378237



566DC5

Square

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



378237



0084B4



985AAC



B35A31

Rectangle

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



378237



008780



985AAC



C14966

Sweetspot

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



378237



8CA88C



828237



435443



D4D4D4



545454

Same Dimension

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



378237



34A834



37825D



394039



008000



000000

Inverse Universe

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



823782



A834A8



82375D



403940



800080



000000

Previews

White Background



This preview shows how the Hex color 378237 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



This preview shows how the Hex color 378237 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

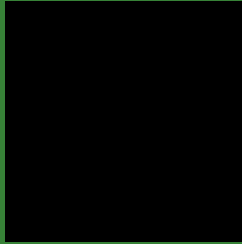
Any Text WCAG AA × Fail

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 378237 Background



This preview shows how black text looks on a background with the Hex color 378237.



This preview shows how white text looks on a background with the Hex color 378237.

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
378237

Protanopia
7F7232

Deuteranopia
8C6D3D



Tritanopia
497A84

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 378237 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 #378237 looks like.

```
.text, #text, p{  
    color:#378237  
}
```

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 #378237 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #378237
}
```

Border

The CSS property to change the border of an element to Hex 378237 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
#378237 }
```

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

```
.border{ border-color:#378237 }
```

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

Here you see how a box with a 4 pixel #378237 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #378237; -webkit-box-shadow:4px 4px  
4px 4px #378237; box-shadow:4px 4px 4px  
4px #378237 }
```

Background

The CSS property to change the background color of an element to Hex 378237 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#378237 }
```

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

```
.background{ background-color:#378237 }
```

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