

Converting Colors

Hex(378C36)

Have a look what the booklet for
Hex(378C36) contains.

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Color

Hex(378C36)

Conversions

Conversions Part 1

Format	Color
Hex	378C36
RGB	55, 140, 54
RGB Percent	22%, 55%, 21%
CMY	0.7843, 0.4510, 0.7882
CMYK	0.61, 0.00, 0.61, 0.45
HSL	119°, 44%, 38%
HSV	119°, 61%, 55%
XYZ	11.6195, 19.8347, 6.7061
YIQ	104.7810, -23.0540, -44.7660

Conversions

Conversions Part 2

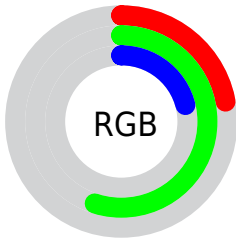
Format	Color
RYB	54, 140, 139
Decimal	3640374
CIELab	51.65, -43.44, 37.65
CIELCh	52, 57.489, 139.081
Yxy	19.8347, 0.3045, 0.5198
Android (android.graphics.Color)	4281830454 (0xFF378C36)
YUV	104.7810, -25.0350, -43.6579
Hunter-Lab	44.5362, -31.3677, 22.2477

Details

The Hex color **378C36** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **8B368C**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **6FC268**, and **005901** is the 20% darker color. If you saturate the color by 10%, you get **298C28**, and if you desaturate by 10%, it is **458C44**.

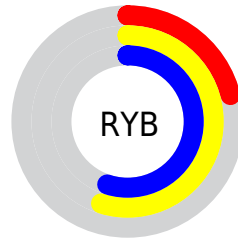
Distribution



Red (22%)

Green (55%)

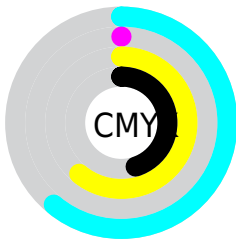
Blue (21%)



Red (21%)

Yellow (55%)

Blue (55%)

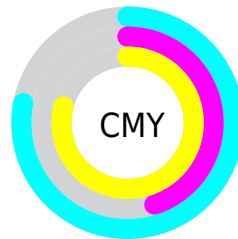


Cyan (61%)

Magenta (0%)

Yellow (61%)

Black (45%)



Cyan (78%)

Magenta (45%)

Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color 378C36 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 378C36 by changing the saturation by 10% instead.

 378C36

 378C36

FFFFFF

 16721D

 6FC268

 005901

 8BDF82

 004000

 A7FC9C

 002B00

 C3FFB8

 000B00

 E0FFD4

 000000

 FEFFF0

 378C36

 378C36

 298C28

 458C44

 1B8C1A

 538C52

 0D8C0C

 618C60

 028C00

 6E8C6E

 7C8C7C

 8A8C8A

 988C98

 A68CA6

 B48CB4

Harmonies

Analogous

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



75820A



378C36



009167

Triad

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



378C36



0086DC



D34C5E

Complementary

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



378C36



8B368C

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.



CA4C8F



378C36



5676D9

Square

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



378C36



008FC5



A460BC



C35E31

Rectangle

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



378C36



009289



A460BC



D34A6E

Sweetspot

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



378C36



95B594



8C8B36



485C48



DBDBDB



5C5C5C

Same Dimension

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



378C36



31B52F



368C60



3E453E



028500



000500

Inverse Universe

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



8B368C



B32FB5



8C3662



453E45



830085



050005

Previews

White Background



This preview shows how the Hex color 378C36 looks on a white background.

Color Contrast Check

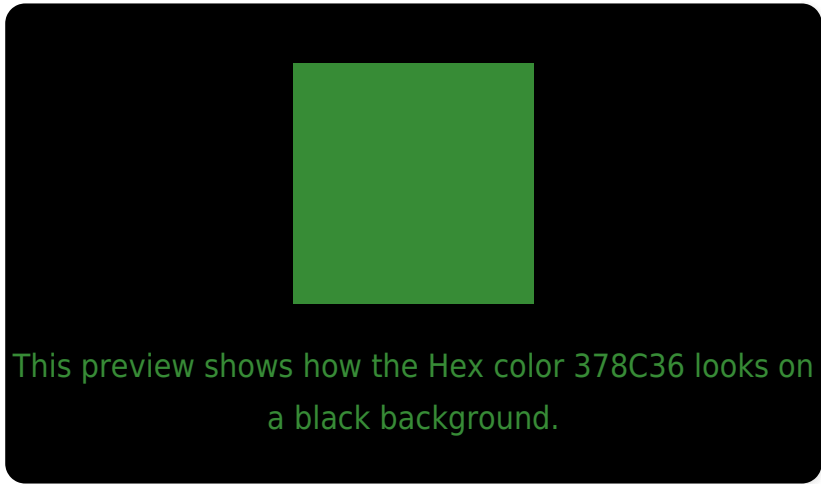
Large Text (above 18pt) WCAG AA ✓ Pass

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 378C36 Background



This preview shows how black text looks on a background with the Hex color 378C36.

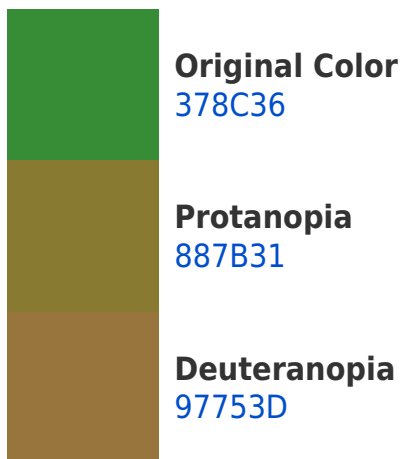


This preview shows how white text looks on a background with the Hex color 378C36.

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
4C838E

Trichromacy



Original Color
378C36



Protanomaly
6B8133



Deuteranomaly
747D3A



Tritanomaly
44866E

Monochromacy



Original Color
378C36



Achromatopsia
696969



Achromatomaly
577656

CSS Examples

Text

The CSS property to change the color of the text to Hex 378C36 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 #378C36 looks like.

```
.text, #text, p{  
    color:#378C36  
}
```

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 #378C36 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #378C36
}
```

Border

The CSS property to change the border of an element to Hex 378C36 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
#378C36 }
```

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

```
.border{ border-color:#378C36 }
```

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

Here you see how a box with a 4 pixel #378C36 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #378C36; -webkit-box-shadow:4px 4px  
4px 4px #378C36; box-shadow:4px 4px 4px  
4px #378C36 }
```

Background

The CSS property to change the background color of an element to Hex 378C36 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#378C36 }
```

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

```
.background{ background-color:#378C36 }
```

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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