

# Converting Colors

Hex(378363)

Have a look what the booklet for  
Hex(378363) contains.

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# Color

Hex(378363)

# Conversions

## Conversions Part 1

Format	Color
Hex	378363
RGB	55, 131, 99
RGB Percent	22%, 51%, 39%
CMY	0.7843, 0.4863, 0.6118
CMYK	0.58, 0.00, 0.24, 0.49
HSL	155°, 41%, 36%
HSV	155°, 58%, 51%
XYZ	11.9440, 17.9457, 14.6387
YIQ	104.6280, -35.0240, -26.0640

# Conversions

## Conversions Part 2

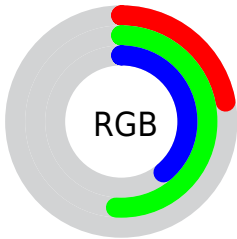
<b>Format</b>	<b>Color</b>
<b>RYB</b>	55, 103, 131
Decimal	3638115
CIELab	49.43, -31.58, 10.35
CIElCh	49, 33.238, 161.852
Yxy	17.9457, 0.2682, 0.4030
Android (android.graphics.Color)	4281828195 (0xFF378363)
YUV	104.6280, -2.7746, -43.5238
Hunter-Lab	42.3623, -23.8064, 9.1654

# Details

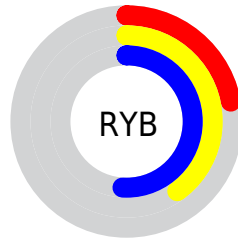
The Hex color **378363** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **833757**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **6DB996**, and **005134** is the 20% darker color. If you saturate the color by 10%, you get **2A835D**, and if you desaturate by 10%, it is **448369**.

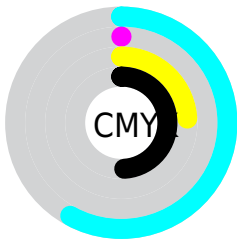
# Distribution



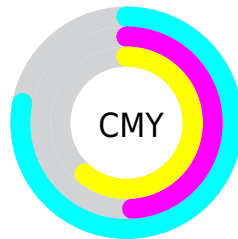
- Red (22%)
- Green (51%)
- Blue (39%)



- Red (22%)
- Yellow (40%)
- Blue (51%)



- Cyan (58%)
- Magenta (0%)
- Yellow (24%)
- Black (49%)



- Cyan (78%)
- Magenta (49%)
- Yellow (61%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 378363 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 378363 by changing the saturation by 10% instead.



 378363

 378363

FFFFFF

 19694B

 6DB996

 005134

 88D4B0

 00391F

 A3F1CC

 002408

 BFFFE8

 000000

 DCFFFF

 F9FFFF

 378363

 378363

 2A835D

 448369

■ 1D8358

■ 51836E

■ 108352

■ 5E8374

■ 03834D

■ 6B8379

■ 00834C

■ 79837F

■ 868384

■ 93838A

■ A0838F

■ AD8395

# Harmonies

## Analogous

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



5D7F4A



378363



008480

# Triad

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



378363



5D75AD



A76451

# Complementary

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



378363



833757

# 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.



AC5F6B



378363



876AA0

# Square

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



378363



1F7DAB



A16188



966E40

# Rectangle

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



378363



008392



A16188



AA6259



# Sweetspot

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



378363



8EAB9F



588337



45574F



D6D6D6



575757



# Same Dimension

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



378363



33AB78



377E83



3C4240



00824B



000301



# Inverse Universe

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



833757



AB3366



833C37



423C3E



820037



030001



# Previews

## White Background



This preview shows how the Hex color 378363 looks on a white background.

## Color Contrast Check

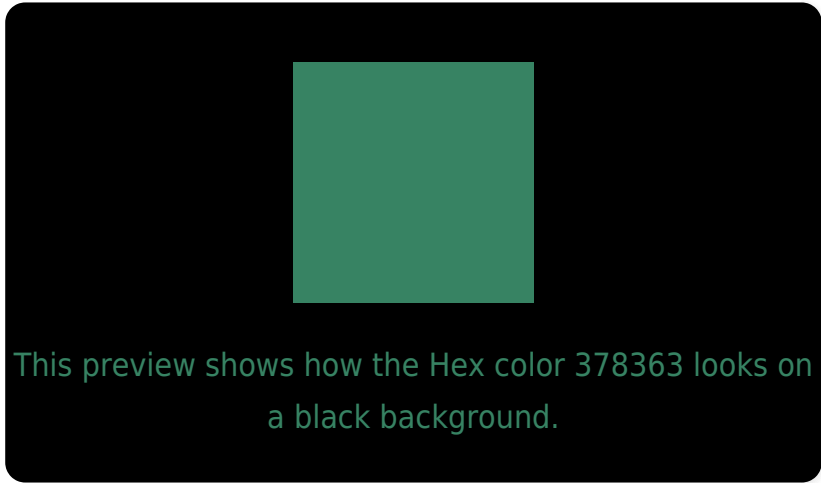
Large Text (above 18pt) WCAG AA ✓ Pass

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

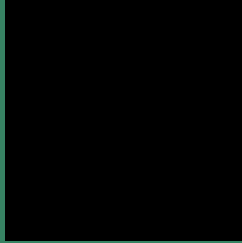
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 378363 Background



This preview shows how black text looks on a background with the Hex color 378363.



This preview shows how white text looks on a background with the Hex color 378363.

# 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**  
378363

**Protanopia**  
7C755C

**Deuteranopia**  
857167



**Tritanopia**  
437E88

# Trichromacy



**Original Color**  
378363

**Protanomaly**  
637A5F

**Deuteranomaly**  
697866

**Tritanomaly**  
3F807B

# Monochromacy



**Original Color**  
378363

**Achromatopsia**  
696969

**Achromatomaly**  
577267

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 378363 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 #378363 looks like.

```
.text, #text, p{  
    color:#378363  
}
```

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 #378363 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #378363
}
```

## Border

The CSS property to change the border of an element to Hex 378363 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
#378363 }
```

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

```
.border{ border-color:#378363 }
```

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

Here you see how a box with a 4 pixel #378363 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #378363; -webkit-box-shadow:4px 4px  
4px 4px #378363; box-shadow:4px 4px 4px  
4px #378363 }
```

# Background

The CSS property to change the background color of an element to Hex 378363 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#378363 }
```

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

```
.background{ background-color:#378363 }
```

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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