

# Converting Colors

Hex(378371)

Have a look what the booklet for  
Hex(378371) contains.

<b>Hex(378371)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(378371)**

# Conversions

## Conversions Part 1

Format	Color
Hex	378371
RGB	55, 131, 113
RGB Percent	22%, 51%, 44%
CMY	0.7843, 0.4863, 0.5569
CMYK	0.58, 0.00, 0.14, 0.49
HSL	166°, 41%, 36%
HSV	166°, 58%, 51%
XYZ	12.6725, 18.2371, 18.4750
YIQ	106.2240, -39.5180, -21.7100

# Conversions

## Conversions Part 2

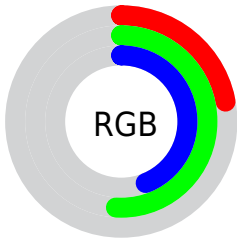
<b>Format</b>	<b>Color</b>
<b>RYB</b>	55, 98, 131
Decimal	3638129
CIELab	49.78, -28.11, 2.69
CIELCh	50, 28.240, 174.524
Yxy	18.2371, 0.2566, 0.3693
Android (android.graphics.Color)	4281828209 (0xFF378371)
YUV	106.2240, 3.3406, -44.9234
Hunter-Lab	42.7049, -21.7645, 4.2434

# Details

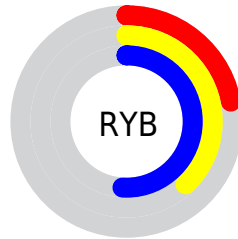
The Hex color **378371** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **833749**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **6DB8A5**, and **005141** is the 20% darker color. If you saturate the color by 10%, you get **2A836E**, and if you desaturate by 10%, it is **448374**.

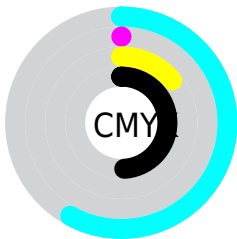
# Distribution



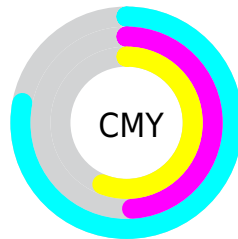
- Red (22%)
- Green (51%)
- Blue (44%)



- Red (22%)
- Yellow (38%)
- Blue (51%)



- Cyan (58%)
- Magenta (0%)
- Yellow (14%)
- Black (49%)



- Cyan (78%)
- Magenta (49%)
- Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 378371 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 378371 by changing the saturation by 10% instead.





378371



378371

FFFFFF



196959



6DB8A5



005141



88D4C0



00392B



A4F1DC



002417



C0FFF8



000000



D0FFFF



FAFFFF



378371



378371



2A836E



448374

■ 1D836B

■ 518377

■ 108368

■ 5E837A

■ 038365

■ 6B837D

■ 008364

■ 798381

■ 868384

■ 938387

■ A0838A

■ AD838D

# Harmonies

## Analogous

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



56805A



378371



188389

# Triad

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



378371



7372A2



9C6B50

# Complementary

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



378371



833749

# 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.



A56564



378371



906993

# Square

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



378371



4C7AA6



A2647C



8A7346

# Rectangle

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



378371



198197



A2647C



A16956



# Sweetspot

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



378371



8EABA4



4A8337



455753



D6D6D6



575757



# Same Dimension

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



378371



33AB8F



377083



3C4241



008263



000302



# Inverse Universe

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



833749



AB3350



834A37



423C3D



82001F

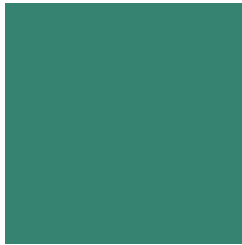


030001



# Previews

## White Background



This preview shows how the Hex color 378371 looks on a white background.

## Color Contrast Check

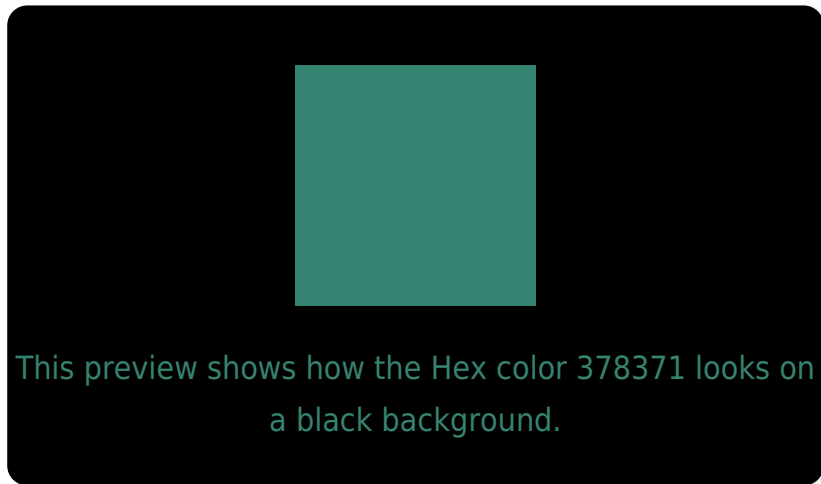
Large Text (above 18pt) WCAG AA ✓ Pass

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

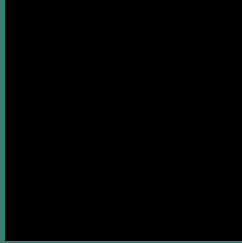
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 378371 Background



This preview shows how black text looks on a background with the Hex color 378371.

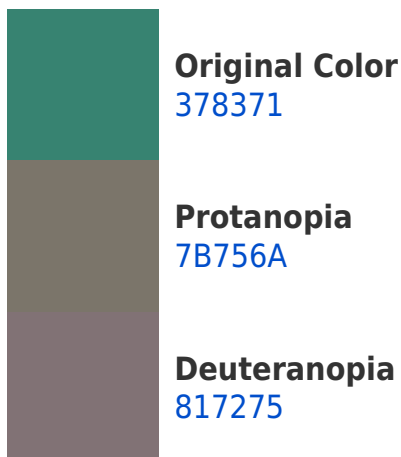


This preview shows how white text looks on a background with the Hex color 378371.

# 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**  
407F8A

# Trichromacy



**Original Color**  
378371

**Protanomaly**  
627A6D

**Deuteranomaly**  
667874

**Tritanomaly**  
3D8081

# Monochromacy



**Original Color**  
378371

**Achromatopsia**  
6A6A6A

**Achromatomaly**  
57736D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 378371 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 #378371 looks like.

```
.text, #text, p{  
    color:#378371  
}
```

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 #378371 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #378371
}
```

## Border

The CSS property to change the border of an element to Hex 378371 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
#378371 }
```

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

```
.border{ border-color:#378371 }
```

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

Here you see how a box with a 4 pixel #378371 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #378371; -webkit-box-shadow:4px 4px  
4px 4px #378371; box-shadow:4px 4px 4px  
4px #378371 }
```

# Background

The CSS property to change the background color of an element to Hex 378371 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#378371 }
```

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

```
.background{ background-color:#378371 }
```

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