

Converting Colors

Hex(378485)

Have a look what the booklet for
Hex(378485) contains.

Hex(378485)	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(378485)

Conversions

Conversions Part 1

Format	Color
Hex	378485
RGB	55, 132, 133
RGB Percent	22%, 52%, 52%
CMY	0.7843, 0.4824, 0.4784
CMYK	0.59, 0.01, 0.00, 0.48
HSL	181°, 41%, 37%
HSV	181°, 59%, 52%
XYZ	14.0605, 19.0082, 25.1182
YIQ	109.0910, -46.2130, -16.0130

Conversions

Conversions Part 2

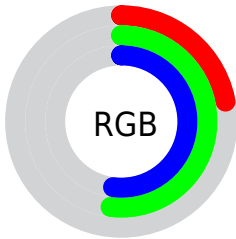
Format	Color
RYB	55, 94, 133
Decimal	3638405
CIELab	50.70, -23.05, -7.67
CIELCh	51, 24.290, 198.398
Yxy	19.0082, 0.2416, 0.3267
Android (android.graphics.Color)	4281828485 (0xFF378485)
YUV	109.0910, 11.7871, -47.4378
Hunter-Lab	43.5984, -18.7311, -3.6396

Details

The Hex color **378485** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **853837**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **6EB9BA**, and **005254** is the 20% darker color. If you saturate the color by 10%, you get **2A8485**, and if you desaturate by 10%, it is **448485**.

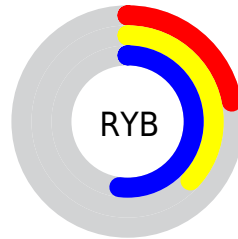
Distribution



Red (22%)

Green (52%)

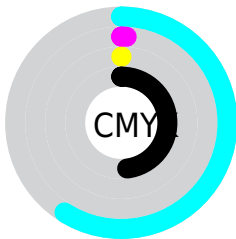
Blue (52%)



Red (22%)

Yellow (37%)

Blue (52%)

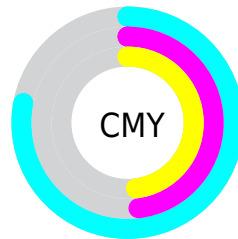


Cyan (59%)

Magenta (1%)

Yellow (0%)

Black (48%)



Cyan (78%)

Magenta (48%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Hex color 378485 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 378485 by changing the saturation by 10% instead.

■ 378485

■ 378485

FFFFFF

■ 166B6C

■ 6EB9BA

■ 005254

■ 8AD5D6

■ 003B3D

■ A6F2F2

■ 002527

■ C2FFFF

■ 000613

■ DFFFFF

■ 000000

FDFFFF

■ 378485

■ 378485

■ 2A8485

■ 448485

■ 1C8485

■ 528485

■ 0F8385

■ 5F8585

■ 028385

■ 6C8585

■ 008385

■ 7A8585

■ 878585

■ 948585

■ A18585

■ AF8685

Harmonies

Analogous

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



4A8470



378485



388297

Triad

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



378485



8B6F94



8E7550

Complementary

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



378485



853837

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.



9D6E5B



378485



9C6A82

Square

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



378485



7076A0



A26A6D



7A7B51

Rectangle

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



378485



477F9F



A26A6D



947253

Sweetspot

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



378485



8EADAD



378537



445657



D6D6D6



575757

Same Dimension

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



378485



34ACAD



375E85



3C4242



008082



000303

Inverse Universe

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



853784



AD34AC



855E37



423C42



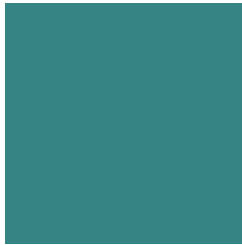
820080



030003

Previews

White Background



This preview shows how the Hex color 378485 looks on a white background.

Color Contrast Check

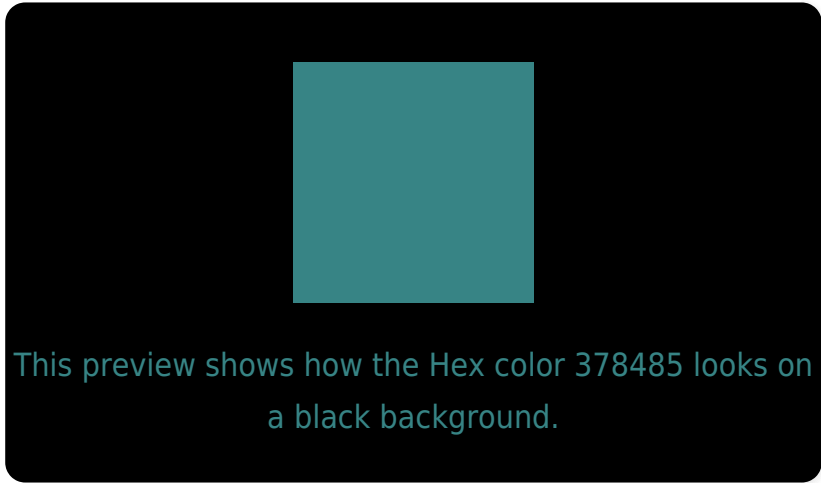
Large Text (above 18pt) WCAG AA ✓ Pass

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

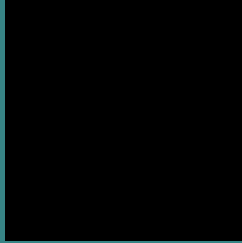
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

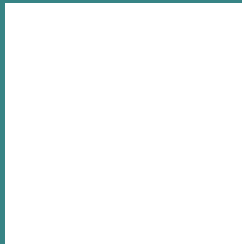
Any Text WCAG AAA × Fail

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

Hex 378485 Background



This preview shows how black text looks on a background with the Hex color 378485.

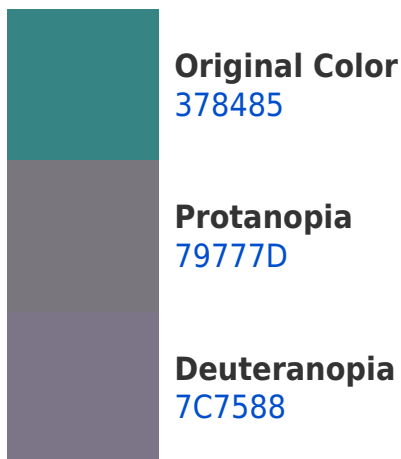


This preview shows how white text looks on a background with the Hex color 378485.

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
3B838D

Trichromacy



Original Color
378485

Protanomaly
617C80

Deuteranomaly
637A87

Tritanomaly
3A838A

Monochromacy



Original Color
378485

Achromatopsia
6D6D6D

Achromatomaly
597576

CSS Examples

Text

The CSS property to change the color of the text to Hex 378485 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 #378485 looks like.

```
.text, #text, p{  
    color:#378485  
}
```

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 #378485 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #378485
}
```

Border

The CSS property to change the border of an element to Hex 378485 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
#378485 }
```

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

```
.border{ border-color:#378485 }
```

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

Here you see how a box with a 4 pixel #378485 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #378485; -webkit-box-shadow:4px 4px  
4px 4px #378485; box-shadow:4px 4px 4px  
4px #378485 }
```

Background

The CSS property to change the background color of an element to Hex 378485 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#378485 }
```

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

```
.background{ background-color:#378485 }
```

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