

# Converting Colors

Hex(398275)

Have a look what the booklet for  
Hex(398275) contains.

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# Color

Hex(398275)

# Conversions

## Conversions Part 1

Format	Color
Hex	398275
RGB	57, 130, 117
RGB Percent	22%, 51%, 46%
CMY	0.7765, 0.4902, 0.5412
CMYK	0.56, 0.00, 0.10, 0.49
HSL	169°, 39%, 37%
HSV	169°, 56%, 51%
XYZ	12.8809, 18.1195, 19.6481
YIQ	106.6910, -39.3350, -19.5190

# Conversions

## Conversions Part 2

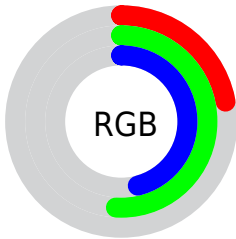
<b>Format</b>	<b>Color</b>
<b>RYB</b>	57, 97, 130
Decimal	3768949
CIELab	49.64, -26.11, 0.15
CIELCh	50, 26.109, 179.660
Yxy	18.1195, 0.2543, 0.3577
Android (android.graphics.Color)	4281959029 (0xFF398275)
YUV	106.6910, 5.0823, -43.5790
Hunter-Lab	42.5670, -20.4777, 2.4297

# Details

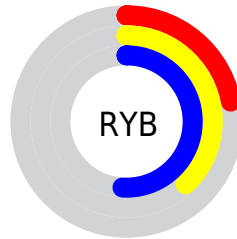
The Hex color **398275** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **823946**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **6FB7A9**, and **005045** is the 20% darker color. If you saturate the color by 10%, you get **2C8273**, and if you desaturate by 10%, it is **468277**.

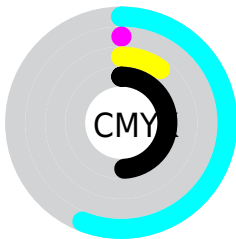
# Distribution



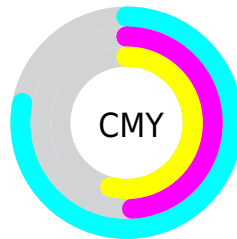
- Red (22%)
- Green (51%)
- Blue (46%)



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



- Cyan (56%)
- Magenta (0%)
- Yellow (10%)
- Black (49%)



- Cyan (78%)
- Magenta (49%)
- Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 398275 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 398275 by changing the saturation by 10% instead.





398275



398275

FFFFFF



1C695C



6FB7A9



005045



8AD3C4



00392F



A5F0E0



00231A



C2FFFD



000000



DEFFF



FCFFF



398275



398275



2C8273



468277

■ 1F8270

■ 53827A

■ 12826E

■ 60827C

■ 05826C

■ 6D827E

■ 00826B

■ 7A8281

■ 878283

■ 948285

■ A18288

■ AE828A

# Harmonies

## Analogous

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



54805F



398275



26818B

# Triad

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



398275



78709C



976D50

# Complementary

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



398275



823946

# 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.



A16761



398275



92698D

# Square

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



398275



5778A2



A06577



85754A

# Rectangle

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



398275



2C8097



A06577



9C6B55



# Sweetspot

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



398275



8CA8A3



468239



435451



D4D4D4



545454



# Same Dimension

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



398275



38A894



396B82



39403F



008069



000000



# Inverse Universe

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



823946



A8384C



825039



40393B



800017

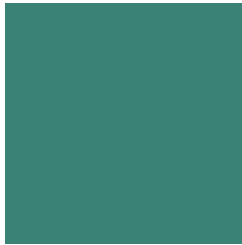


000000



# Previews

## White Background



This preview shows how the Hex color 398275 looks on a white background.

## Color Contrast Check

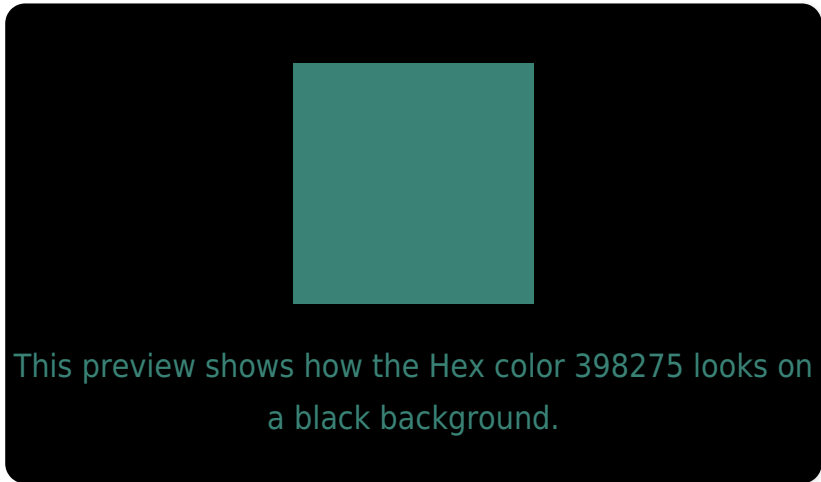
Large Text (above 18pt) WCAG AA ✓ Pass

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

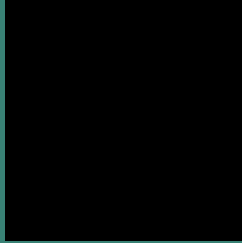
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 398275 Background



This preview shows how black text looks on a background with the Hex color 398275.

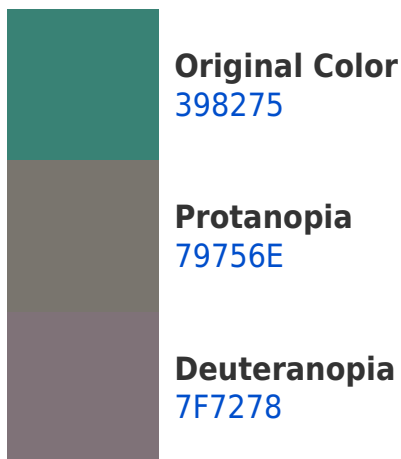


This preview shows how white text looks on a background with the Hex color 398275.

# 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**  
407F89

# Trichromacy



**Original Color**  
398275

**Protanomaly**  
627A71

**Deuteranomaly**  
667877

**Tritanomaly**  
3D8082

# Monochromacy



**Original Color**  
398275

**Achromatopsia**  
6B6B6B

**Achromatomaly**  
59736F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 398275 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 #398275 looks like.

```
.text, #text, p{  
    color:#398275  
}
```

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 #398275 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #398275
}
```

## Border

The CSS property to change the border of an element to Hex 398275 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
#398275 }
```

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

```
.border{ border-color:#398275 }
```

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

Here you see how a box with a 4 pixel #398275 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #398275; -webkit-box-shadow:4px 4px  
4px 4px #398275; box-shadow:4px 4px 4px  
4px #398275 }
```

# Background

The CSS property to change the background color of an element to Hex 398275 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#398275 }
```

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

```
.background{ background-color:#398275 }
```

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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