

# Converting Colors

Hex(398185)

Have a look what the booklet for  
Hex(398185) contains.

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# Color

**Hex(398185)**

# Conversions

## Conversions Part 1

Format	Color
Hex	398185
RGB	57, 129, 133
RGB Percent	22%, 51%, 52%
CMY	0.7765, 0.4941, 0.4784
CMYK	0.57, 0.03, 0.00, 0.48
HSL	183°, 40%, 37%
HSV	183°, 57%, 52%
XYZ	13.7712, 18.2638, 24.9898
YIQ	107.9280, -44.1960, -14.0200

# Conversions

## Conversions Part 2

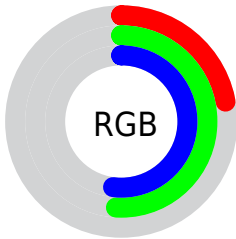
<b>Format</b>	<b>Color</b>
<b>RYB</b>	57, 94, 133
Decimal	3768709
CIELab	49.81, -21.07, -8.98
CIELCh	50, 22.904, 203.078
Yxy	18.2638, 0.2415, 0.3203
Android (android.graphics.Color)	4281958789 (0xFF398185)
YUV	107.9280, 12.3605, -44.6639
Hunter-Lab	42.7362, -17.2688, -4.7542




# Details

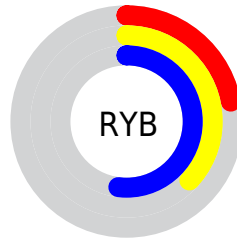
The Hex color **398185** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **853D39**, and the grayscale version is **6C6C6C**.




A 20% lighter version of the original color is **70B6BA**, and **004F54** is the 20% darker color. If you saturate the color by 10%, you get **2C8085**, and if you desaturate by 10%, it is **468285**.

# Distribution







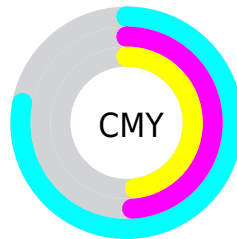
-  Red (22%)
-  Green (51%)
-  Blue (52%)






-  Red (22%)
-  Yellow (37%)
-  Blue (52%)



-  Cyan (57%)
-  Magenta (3%)
-  Yellow (0%)
-  Black (48%)



-  Cyan (78%)
-  Magenta (49%)
-  Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 398185 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 398185 by changing the saturation by 10% instead.



■ 398185

■ 398185

FFFFFF

■ 1A686C

■ 70B6BA

■ 004F54

■ 8BD2D6

■ 00383C

■ A7EEF2

■ 002327

■ C3FFFF

■ 000113

■ E0FFFF

■ 000000

FDFFFF

■ 398185

■ 398185

■ 2C8085

■ 468285

■ 1E8085

■ 548285

■ 117F85

■ 618385

■ 047E85

■ 6E8485

■ 007E85

■ 7C8585

■ 898585

■ 968685

■ A38785

■ B18785

# Harmonies

## Analogous

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



488171



398185



3E7F95

# Triad

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



398185



8B6C8E



887450

# Complementary

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



398185



853D39

# 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.



976D58



398185



9A687C

# Square

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



398185



73739A



9D6968



757A52

# Rectangle

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



398185



4D7C9B



9D6968



8E7152



# Sweetspot

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



398185



90ACAD



39853D



455657



D6D6D6



575757



# Same Dimension

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



398185



36A7AD



395B85



3C4242



007B82



000203



# Inverse Universe

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



853981



AD36A7



856339



423C42



82007B

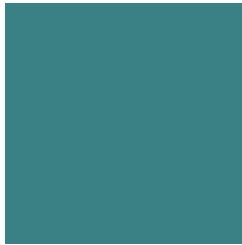


030002



# Previews

## White Background



This preview shows how the Hex color 398185 looks on a white background.

## Color Contrast Check

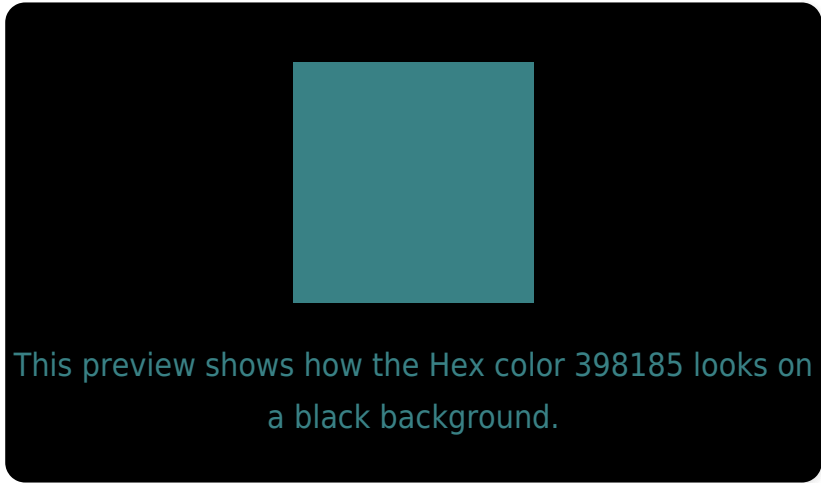
Large Text (above 18pt) WCAG AA ✓ Pass

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

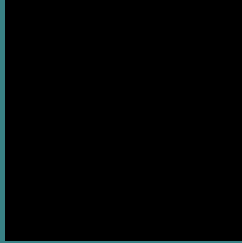
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 398185 Background



This preview shows how black text looks on a background with the Hex color 398185.

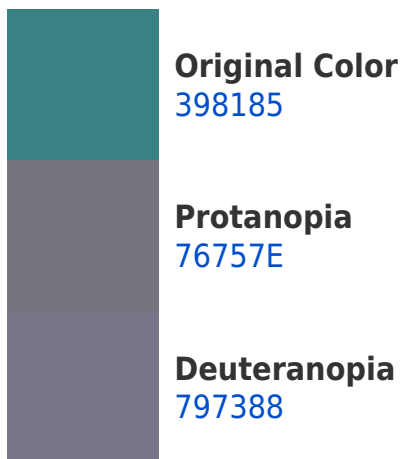


This preview shows how white text looks on a background with the Hex color 398185.

# 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](#).

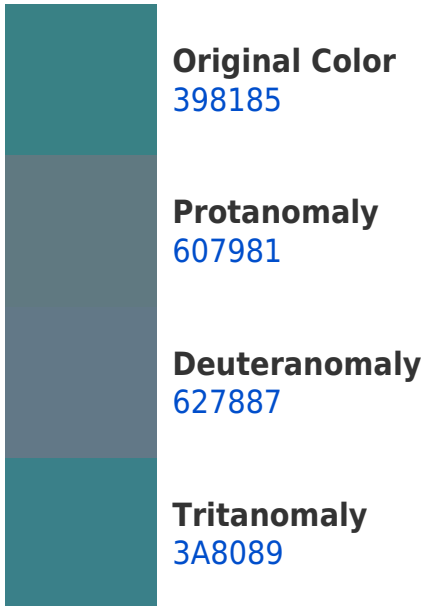
## Dichromacy



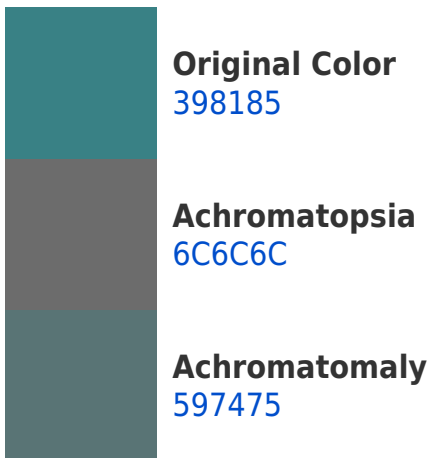


**Tritanopia**  
3B808B

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 398185 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 #398185 looks like.

```
.text, #text, p{  
    color:#398185  
}
```

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 #398185 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #398185
}
```

## Border

The CSS property to change the border of an element to Hex 398185 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
#398185 }
```

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

```
.border{ border-color:#398185 }
```

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

Here you see how a box with a 4 pixel #398185 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #398185; -webkit-box-shadow:4px 4px  
4px 4px #398185; box-shadow:4px 4px 4px  
4px #398185 }
```

# Background

The CSS property to change the background color of an element to Hex 398185 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#398185 }
```

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

```
.background{ background-color:#398185 }
```

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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