

# Converting Colors

Hex(41B398)

Have a look what the booklet for  
Hex(41B398) contains.

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**Color**

**Hex(41B398)**

# Conversions

## Conversions Part 1

Format	Color
Hex	41B398
RGB	65, 179, 152
RGB Percent	25%, 70%, 60%
CMY	0.7451, 0.2980, 0.4039
CMYK	0.64, 0.00, 0.15, 0.30
HSL	166°, 47%, 48%
HSV	166°, 64%, 70%
XYZ	23.9676, 35.6310, 35.3200
YIQ	141.8360, -59.2770, -32.5650

# Conversions

## Conversions Part 2

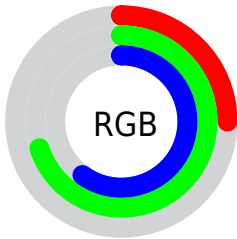
Format	Color
<a href="#">RYB</a>	<a href="#">65, 130, 179</a>
Decimal	<a href="#">4305816</a>
CIELab	<a href="#">66.24, -38.58, 4.37</a>
CIELCh	<a href="#">66, 38.829, 173.541</a>
Yxy	<a href="#">35.6310, 0.2525, 0.3754</a>
Android (android.graphics.Color)	<a href="#">4282495896</a> ( <a href="#">0xFF41B398</a> )
YUV	<a href="#">141.8360, 5.0109, -67.3852</a>
Hunter-Lab	<a href="#">59.6917, -32.7887, 6.7019</a>

# Details

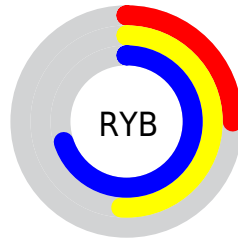
The Hex color **41B398** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **B3415C**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **7DEBCE**, and **007D65** is the 20% darker color. If you saturate the color by 10%, you get **2FB394**, and if you desaturate by 10%, it is **53B39C**.

# Distribution



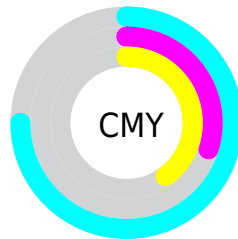
- Red (25%)
- Green (70%)
- Blue (60%)



- Red (25%)
- Yellow (51%)
- Blue (70%)



- Cyan (64%)
- Magenta (0%)
- Yellow (15%)
- Black (30%)



- Cyan (75%)
- Magenta (30%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 41B398 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 41B398 by changing the saturation by 10% instead.





41B398



41B398

FFFFFF



1B987E



7DEBCE



007D65



9AFFEA



00644D



B7FFFF



004B37



D4FFFF



003321



F2FFFF



001E0B



000000



41B398



41B398



2FB394



53B39C

■ 1DB390

■ 65B3A0

■ 0BB38B

■ 77B3A5

■ 00B389

■ 89B3A9

■ 9BB3AD

■ ACB3B1

■ BEB3B6

■ D0B3BA

■ E2B3BE

# Harmonies

## Analogous

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



73AF76



41B398



00B3BC

# Triad

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



41B398



9A9BE1



D8906A

# Complementary

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



41B398



B3415C

# 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.



E48787



41B398



C68ECB

# Square

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



41B398



5EA7E6



DF86AA



BE9C5B

# Rectangle

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



41B398



00B1D0



DF86AA



DE8D73



# Sweetspot

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



41B398



BCE8DE



5EB341



5A756F



F5F5F5



757575



# Same Dimension

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



41B398



38E8BE



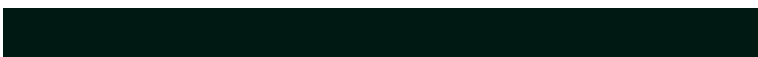
4197B3



505957



009975



001A13



# Inverse Universe

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



B3415C



E83861



B35E41



595052



990024

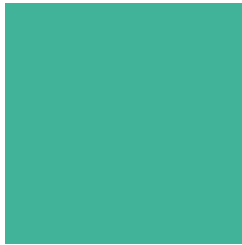


1A0006



# Previews

## White Background



This preview shows how the Hex color 41B398 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color 41B398 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

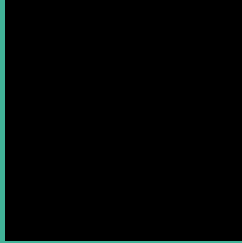
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 41B398 Background



This preview shows how black text looks on a background with the Hex color 41B398.

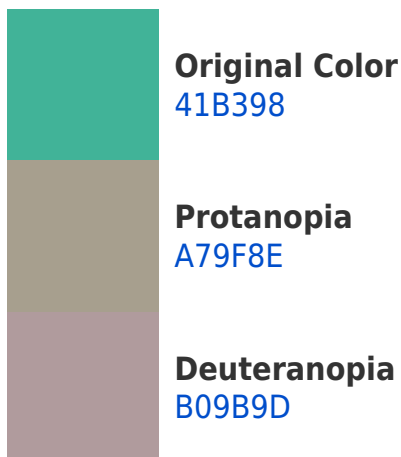


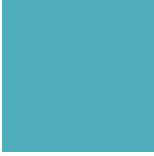
This preview shows how white text looks on a background with the Hex color 41B398.

# 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**  
50AEB3

# Trichromacy



**Original Color**  
41B398



**Protanomaly**  
82A692



**Deuteranomaly**  
88A49B



**Tritanomaly**  
4BB0AF

# Monochromacy



**Original Color**  
41B398



**Achromatopsia**  
8E8E8E



**Achromatomaly**  
729B92

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 41B398 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 #41B398 looks like.

```
.text, #text, p{  
    color:#41B398  
}
```

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 #41B398 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #41B398
}
```

## Border

The CSS property to change the border of an element to Hex 41B398 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
#41B398 }
```

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

```
.border{ border-color:#41B398 }
```

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

Here you see how a box with a 4 pixel #41B398 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #41B398; -webkit-box-shadow:4px 4px  
4px 4px #41B398; box-shadow:4px 4px 4px  
4px #41B398 }
```

# Background

The CSS property to change the background color of an element to Hex 41B398 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#41B398 }
```

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

```
.background{ background-color:#41B398 }
```

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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