

# Converting Colors

Hex(41B07E)

Have a look what the booklet for  
Hex(41B07E) contains.

<b>Hex(41B07E)</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(41B07E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	41B07E
RGB	65, 176, 126
RGB Percent	25%, 69%, 49%
CMY	0.7451, 0.3098, 0.5059
CMYK	0.63, 0.00, 0.28, 0.31
HSL	153°, 46%, 47%
HSV	153°, 63%, 69%
XYZ	21.4712, 33.6808, 25.1081
YIQ	137.1110, -50.1060, -39.0820

# Conversions

## Conversions Part 2

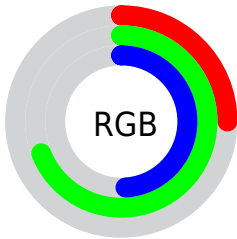
Format	Color
<a href="#">RYB</a>	<a href="#">65, 137, 176</a>
Decimal	<a href="#">4305022</a>
CIELab	<a href="#">64.71, -43.37, 16.51</a>
CIELCh	<a href="#">65, 46.402, 159.160</a>
Yxy	<a href="#">33.6808, 0.2675, 0.4196</a>
Android (android.graphics.Color)	<a href="#">4282495102 (0xFF41B07E)</a>
YUV	<a href="#">137.1110, -5.4777, -63.2413</a>
Hunter-Lab	<a href="#">58.0352, -35.5222, 14.9737</a>

# Details

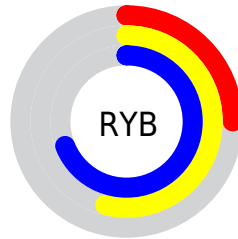
The Hex color **41B07E** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **B04173**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **7CE8B3**, and **007A4D** is the 20% darker color. If you saturate the color by 10%, you get **2FB076**, and if you desaturate by 10%, it is **53B086**.

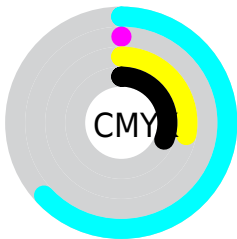
# Distribution



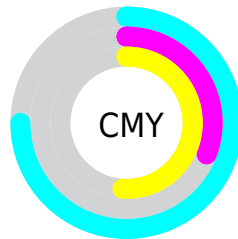
- Red (25%)
- Green (69%)
- Blue (49%)



- Red (25%)
- Yellow (54%)
- Blue (69%)



- Cyan (63%)
- Magenta (0%)
- Yellow (28%)
- Black (31%)



- Cyan (75%)
- Magenta (31%)
- Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 41B07E 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 41B07E by changing the saturation by 10% instead.



 41B07E

 41B07E

FFFFFF

 1D9565

 7CE8B3

 007A4D

 98FFCE

 006136

 B5FFEB

 004820

 D2FFFF

 00310A

 F0FFFF

 001900

 000000

 41B07E

 41B07E

 2FB076

 53B086

 1EB06E

 64B08E

 0CB066

 76B096

 00B061

 87B09E

 99B0A6

 ABB0AE

 BCB0B5

 CEB0BD

 DFB0C5

# Harmonies

## Analogous

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



7DAA5A



41B07E



00B2A9

# Triad

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



41B07E



6F9DEF



E5826B

# Complementary

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



41B07E



B04173

# 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.



EB7A92



41B07E



B18DDE

# Square

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



41B07E



00A9EA



DA7FBB



CE904F

# Rectangle

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



41B07E



00B1C4



DA7FBB



E97E77



# Sweetspot

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



41B07E



BAE6D2



75B041



587367



F2F2F2



737373



# Same Dimension

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



41B07E



37E697



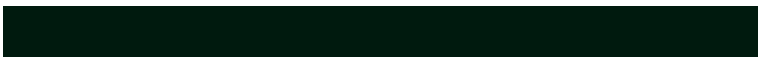
41ACB0



505955



009954



001A0E



# Inverse Universe

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



B04173



E63786



B04541



595054



990045



1A000B



# Previews

## White Background



This preview shows how the Hex color 41B07E looks on a white background.

## Color Contrast Check

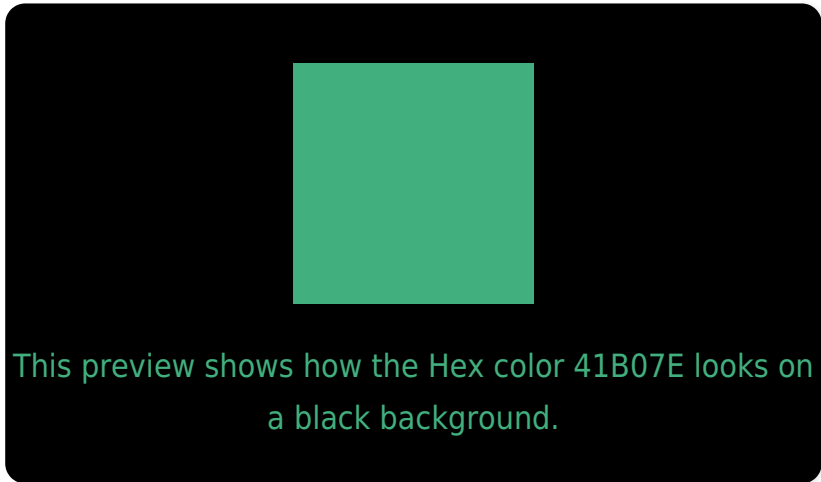
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

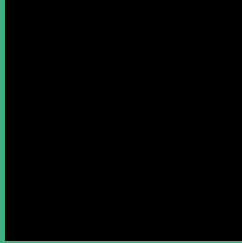
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 41B07E Background



This preview shows how black text looks on a background with the Hex color 41B07E.

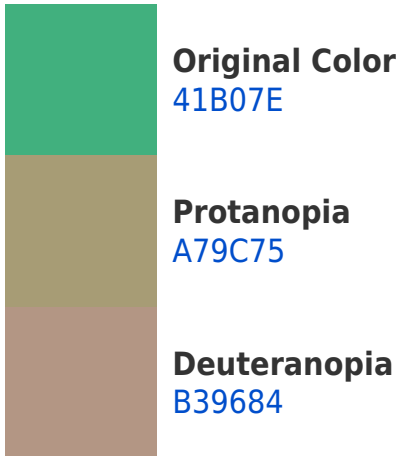


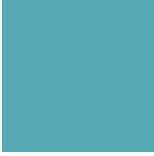
This preview shows how white text looks on a background with the Hex color 41B07E.

# 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](#).

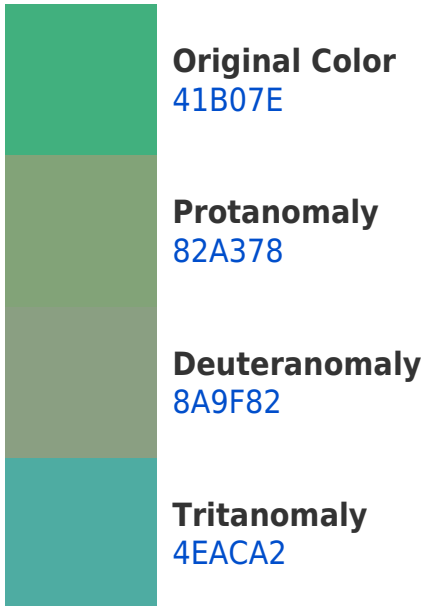
## Dichromacy





**Tritanopia**  
55A9B6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 41B07E 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 #41B07E looks like.

```
.text, #text, p{  
    color:#41B07E  
}
```

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 #41B07E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #41B07E
}
```

## Border

The CSS property to change the border of an element to Hex 41B07E 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
#41B07E }
```

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

```
.border{ border-color:#41B07E }
```

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

Here you see how a box with a 4 pixel #41B07E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #41B07E; -webkit-box-shadow:4px 4px  
4px 4px #41B07E; box-shadow:4px 4px 4px  
4px #41B07E }
```

# Background

The CSS property to change the background color of an element to Hex 41B07E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#41B07E }
```

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

```
.background{ background-color:#41B07E }
```

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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