

# Converting Colors

Hex(41BFAF)

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

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**Color**

**Hex(41BF4F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	41BFAF
RGB	65, 191, 175
RGB Percent	25%, 75%, 69%
CMY	0.7451, 0.2510, 0.3137
CMYK	0.66, 0.00, 0.08, 0.25
HSL	172°, 50%, 50%
HSV	172°, 66%, 75%
XYZ	28.5486, 41.4806, 47.0593
YIQ	151.5020, -69.9600, -31.6880

# Conversions

## Conversions Part 2

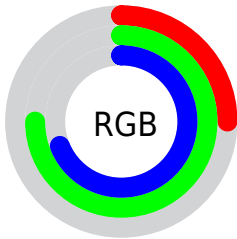
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">65, 132, 191</a>
Decimal	<a href="#">4308911</a>
CIELab	<a href="#">70.51, -38.04, -2.06</a>
CIElCh	<a href="#">71, 38.098, 183.094</a>
Yxy	<a href="#">41.4806, 0.2438, 0.3543</a>
Android (android.graphics.Color)	<a href="#">4282498991</a> ( <a href="#">0xFF41BFAF</a> )
YUV	<a href="#">151.5020, 11.5845, -75.8623</a>
Hunter-Lab	<a href="#">64.4054, -33.5867, 1.7622</a>

# Details

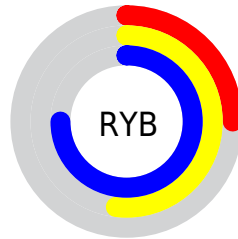
The Hex color **41BFAF** is a dark color, and the websafe version is hex **33CCCC**. A complement of this color would be **BF4151**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **80F8E6**, and **00897B** is the 20% darker color. If you saturate the color by 10%, you get **2EBFAD**, and if you desaturate by 10%, it is **54BFB1**.

# Distribution



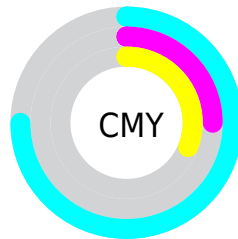
- Red (25%)
- Green (75%)
- Blue (69%)



- Red (25%)
- Yellow (52%)
- Blue (75%)



- Cyan (66%)
- Magenta (0%)
- Yellow (8%)
- Black (25%)



- Cyan (75%)
- Magenta (25%)
- Yellow (31%)

# Brightness & Saturation Gradients

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



 41BFAF

 41BFAF


FFFFFF

 15A494

 80F8E6

 00897B

 9DFFFF

 006F62

 BBFFFF

 00564A

 D9FFFF

 003E34

 F7FFFF

 00281F

 000407

 000000

 41BFAF

 41BFAF

■ 2EBFAD

■ 54BFB1

■ 1BBFAA

■ 67BFB4

■ 08BFA8

■ 7ABFB6

■ 00BFA7

■ 8DBFB9

■ A1BFBB

■ B4BFBE

■ C7BFC0

■ DABFC2

■ EDBFC5

# Harmonies

## Analogous

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



71BC8C



41BFAF



12BED1

# Triad

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



41BFAF



B5A2E7



DDA06F

# Complementary

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



41BFAF



BF4151

# 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.



EE9588



41BFAF



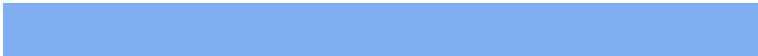
DB97CC

# Square

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



41BFAF



80AFF1



EE91AA



C0AC67

# Rectangle

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



41BFAF



2CBBE3



EE91AA



E49C76



# Sweetspot

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



41BFAF



C6F7F1



52BF41



5F7D79



FCFCFC



7D7D7D



# Same Dimension

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



41BFAF



34F7DF



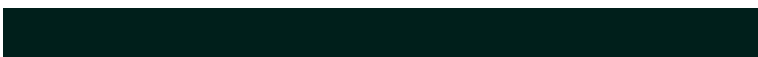
4191BF



555E5D



009E8A



001F1B



# Inverse Universe

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



BF4151



F7344D



BF6F41



5E5556



9E0014

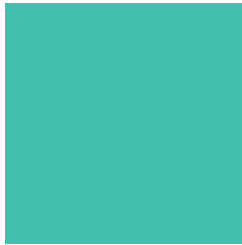


1F0004



# Previews

## White Background



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

## Color Contrast Check

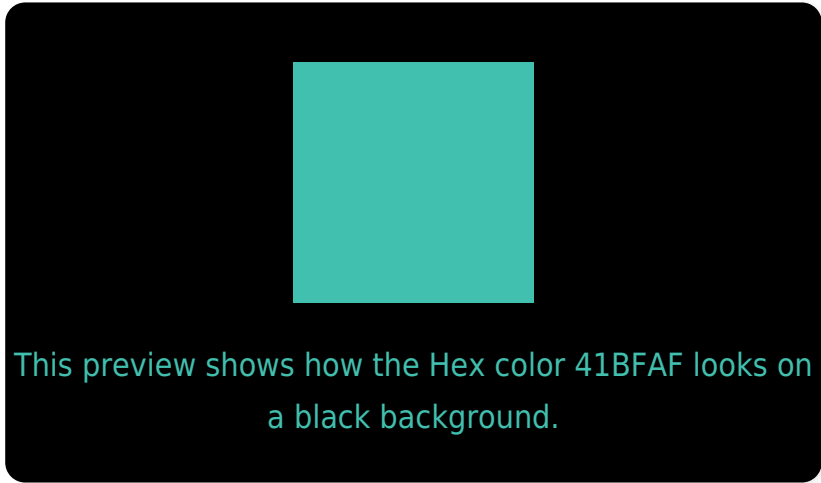
Large Text (above 18pt) WCAG AA × Fail

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

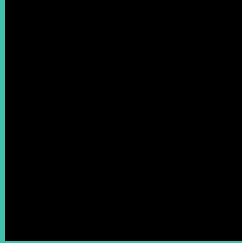
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

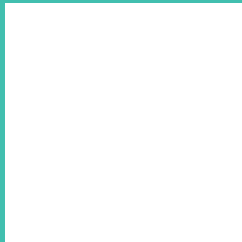
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 41BFAF Background



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

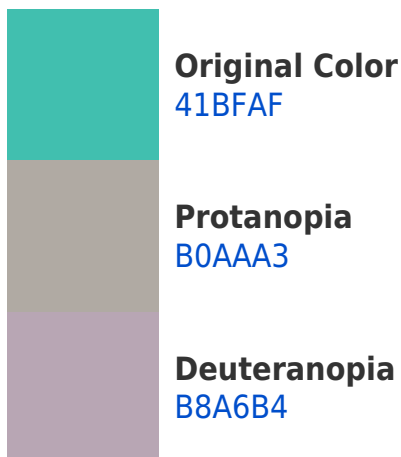


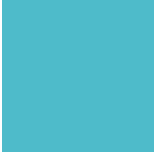
This preview shows how white text looks on a background with the Hex color 41BFAF.

# 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](#).

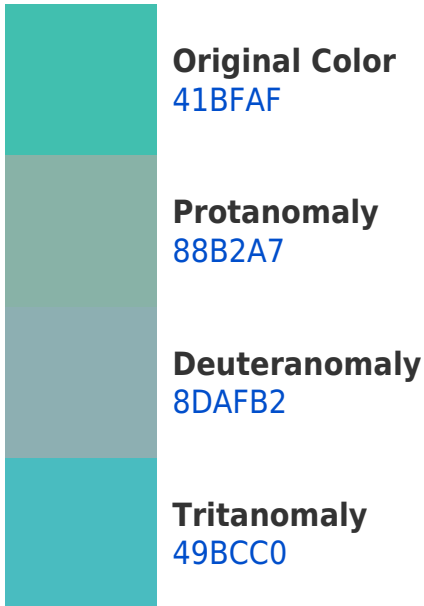
## Dichromacy





**Tritanopia**  
4EBBCA

# Trichromacy



# Monochromacy



# CSS Examples

## Text

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

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

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 #41BFAF colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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