

# Converting Colors

Hex(40BE9F)

Have a look what the booklet for  
Hex(40BE9F) contains.

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# Color

Hex(40BE9F)

# Conversions

## Conversions Part 1

Format	Color
Hex	40BE9F
RGB	64, 190, 159
RGB Percent	25%, 75%, 62%
CMY	0.7490, 0.2549, 0.3765
CMYK	0.66, 0.00, 0.16, 0.25
HSL	165°, 50%, 50%
HSV	165°, 66%, 75%
XYZ	26.7858, 40.4201, 39.1910
YIQ	148.7920, -65.1450, -36.3530

# Conversions

## Conversions Part 2

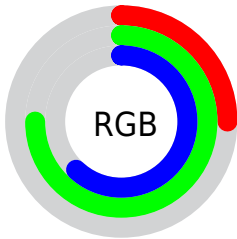
<b>Format</b>	<b>Color</b>
<b>RYB</b>	64, 136, 190
Decimal	4243103
CIELab	69.77, -41.88, 5.61
CIELCh	70, 42.250, 172.372
Yxy	40.4201, 0.2518, 0.3799
Android (android.graphics.Color)	4282433183 (0xFF40BE9F)
YUV	148.7920, 5.0325, -74.3626
Hunter-Lab	63.5768, -36.0548, 7.9553

# Details

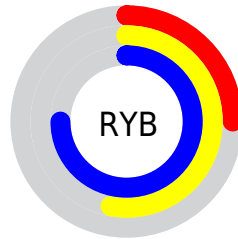
The Hex color **40BE9F** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **BE405F**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **7EF7D6**, and **00886C** is the 20% darker color. If you saturate the color by 10%, you get **2DBE9A**, and if you desaturate by 10%, it is **53BEA4**.

# Distribution



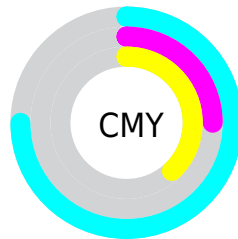
- Red (25%)
- Green (75%)
- Blue (62%)



- Red (25%)
- Yellow (53%)
- Blue (75%)



- Cyan (66%)
- Magenta (0%)
- Yellow (16%)
- Black (25%)



- Cyan (75%)
- Magenta (25%)
- Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 40BE9F 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 40BE9F by changing the saturation by 10% instead.



 40BE9F

 40BE9F

FFFFFF

 15A285

 7EF7D6

 00886C

 9CFFF2

 006E53

 B9FFFF

 00553C

 D7FFFF

 003C27

 F5FFFF

 002812

 000000

 40BE9F

 40BE9F

 2DBE9A

 53BEA4

 1ABE96

 66BEA8

 07BE91

 79BEAD

 00BE8F

 8CBEB2

 9FBEB6

 B2BEBB

 C5BEC0

 D8BEC4

 EBBEC9

# Harmonies

## Analogous

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



79BA7A



40BE9F



00BEC6

# Triad

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



40BE9F



A0A4F1



E7976F

# Complementary

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



40BE9F



BE405F

# 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.



F48D8F



40BE9F



D196DA

# Square

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



40BE9F



5BB1F6



EE8DB6



CBA55E

# Rectangle

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



40BE9F



00BCDD



EE8DB6



ED9379

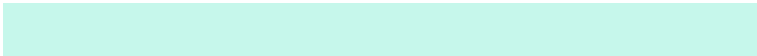


# Sweetspot

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



40BE9F



C6F7EB



5FBE40



5F7D76



FCFCFC



7D7D7D



# Same Dimension

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



40BE9F



31F7C7



409FBE



555E5C



009E77



001F17



# Inverse Universe

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



BE405F



F73162



BE5F40



5E5557



9E0027



1F0008



# Previews

## White Background



This preview shows how the Hex color 40BE9F looks on a white background.

## Color Contrast Check

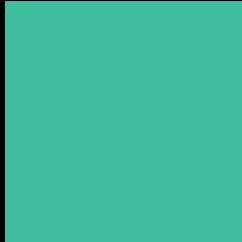
Large Text (above 18pt) WCAG AA × Fail

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 40BE9F looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

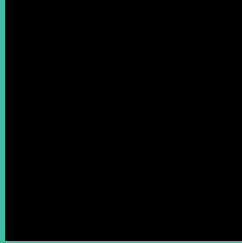
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 40BE9F Background



This preview shows how black text looks on a background with the Hex color 40BE9F.

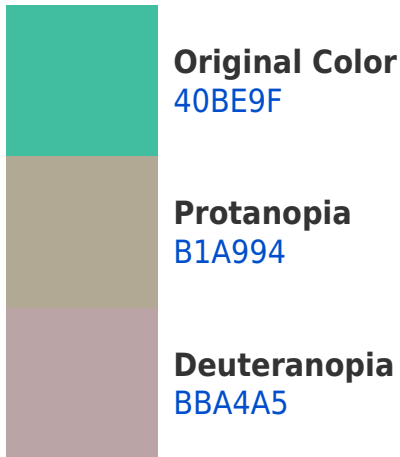


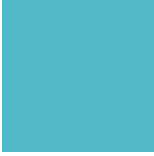
This preview shows how white text looks on a background with the Hex color 40BE9F.

# 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](#).

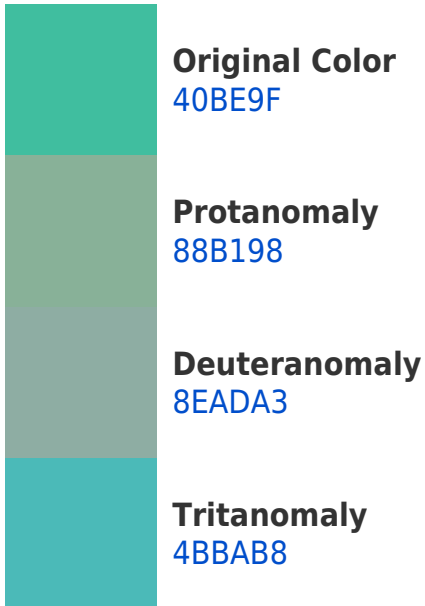
## Dichromacy





**Tritanopia**  
51B8C7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 40BE9F 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 #40BE9F looks like.

```
.text, #text, p{  
    color:#40BE9F  
}
```

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 #40BE9F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #40BE9F
}
```

## Border

The CSS property to change the border of an element to Hex 40BE9F 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
#40BE9F }
```

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

```
.border{ border-color:#40BE9F }
```

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

Here you see how a box with a 4 pixel #40BE9F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #40BE9F; -webkit-box-shadow:4px 4px  
4px 4px #40BE9F; box-shadow:4px 4px 4px  
4px #40BE9F }
```

# Background

The CSS property to change the background color of an element to Hex 40BE9F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#40BE9F }
```

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

```
.background{ background-color:#40BE9F }
```

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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