

Converting Colors

Hex(40B09F)

Have a look what the booklet for
Hex(40B09F) contains.

Hex(40B09F)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(40B09F)

Conversions

Conversions Part 1

Format	Color
Hex	40B09F
RGB	64, 176, 159
RGB Percent	25%, 69%, 62%
CMY	0.7490, 0.3098, 0.3765
CMYK	0.64, 0.00, 0.10, 0.31
HSL	171°, 47%, 47%
HSV	171°, 64%, 69%
XYZ	23.8977, 34.6439, 38.2283
YIQ	140.5740, -61.2950, -29.0310

Conversions

Conversions Part 2

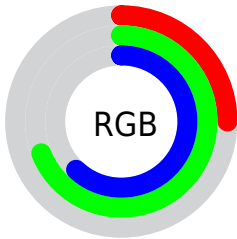
Format	Color
RYB	64, 125, 176
Decimal	4239519
CIELab	65.47, -35.59, -0.63
CIELCh	65, 35.591, 181.009
Yxy	34.6439, 0.2470, 0.3580
Android (android.graphics.Color)	4282429599 (0xFF40B09F)
YUV	140.5740, 9.0840, -67.1554
Hunter-Lab	58.8590, -30.5295, 2.6931




Details

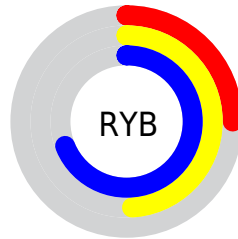
The Hex color **40B09F** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **B04051**, and the grayscale version is **8D8D8D**.




A 20% lighter version of the original color is **7CE8D6**, and **007B6C** is the 20% darker color. If you saturate the color by 10%, you get **2EB09C**, and if you desaturate by 10%, it is **52B0A2**.

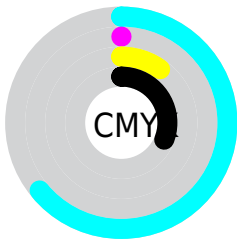
Distribution







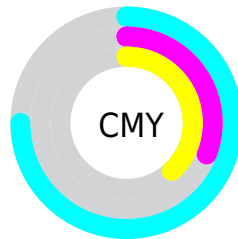
-  Red (25%)
-  Green (69%)
-  Blue (62%)






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



-  Cyan (64%)
-  Magenta (0%)
-  Yellow (10%)
-  Black (31%)



-  Cyan (75%)
-  Magenta (31%)
-  Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 40B09F 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 40B09F by changing the saturation by 10% instead.



40B09F



40B09F

FFFFFF



199585



7CE8D6



007B6C



99FFF2



006154



B6FFFF



00493C



D4FFFF



003127



F2FFFF



001C12



000000



40B09F



40B09F



2EB09C



52B0A2

■ 1DB09A

■ 63B0A4

■ 0BB097

■ 75B0A7

■ 00B095

■ 86B0AA

■ 98B0AC

■ AAB0AF

■ BBB0B2

■ CDB0B4

■ DEB0B7

Harmonies

Analogous

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



6BAD7F



40B09F



16AFBF

Triad

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



40B09F



A496D6



CD9268

Complementary

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



40B09F



B04051

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.



DC8980



40B09F



C88CBE

Square

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



40B09F



73A2DE



DB869F



B39D5F

Rectangle

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



40B09F



27ACD0



DB869F



D38F6F

Sweetspot

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



40B09F



BAE6DF



53B040



58736F



F2F2F2



737373

Same Dimension

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



40B09F



37E6CB



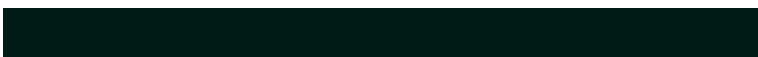
408BB0



505958



009982



001A16

Inverse Universe

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



B04051



E63752



B06540



595052



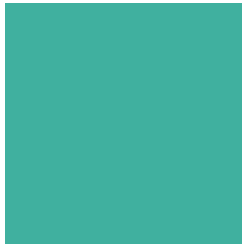
990017



1A0004

Previews

White Background



This preview shows how the Hex color 40B09F looks on a white background.

Color Contrast Check

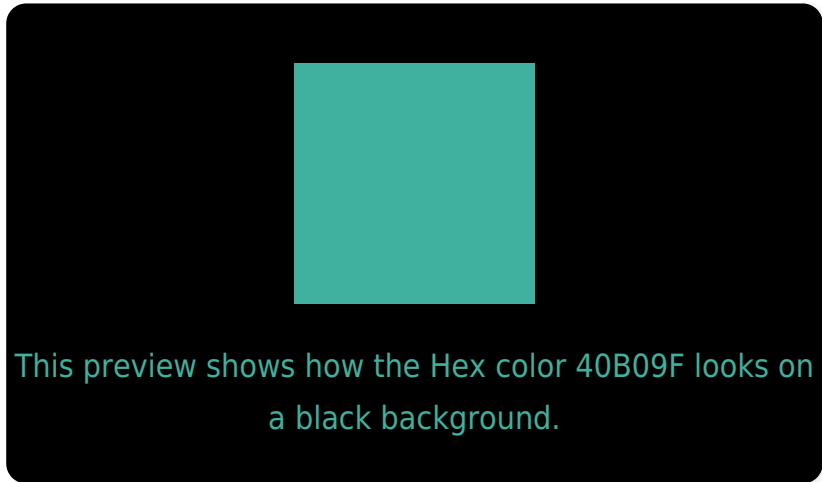
Large Text (above 18pt) WCAG AA × Fail

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

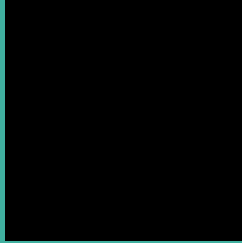
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

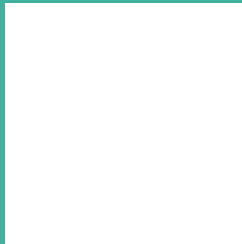
Any Text WCAG AAA ✓ Pass

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

Hex 40B09F Background



This preview shows how black text looks on a background with the Hex color 40B09F.

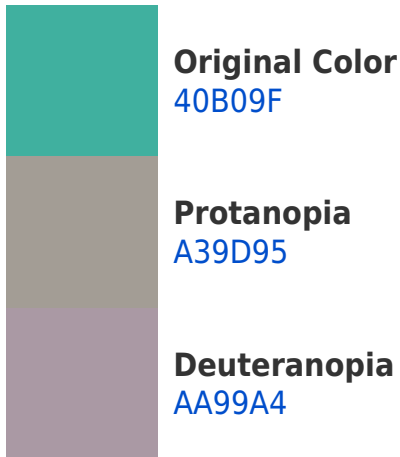


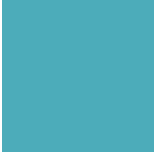
This preview shows how white text looks on a background with the Hex color 40B09F.

Color Blindness Simulation

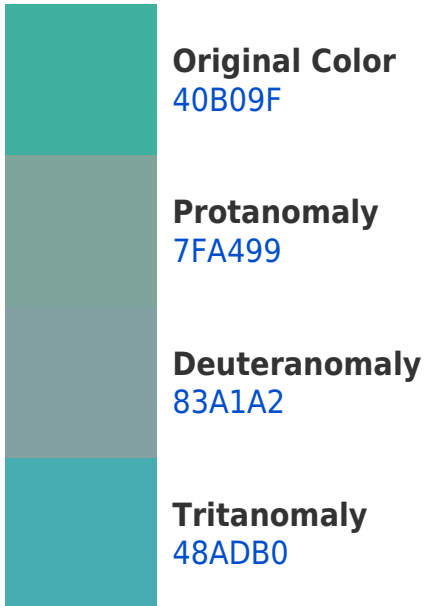
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

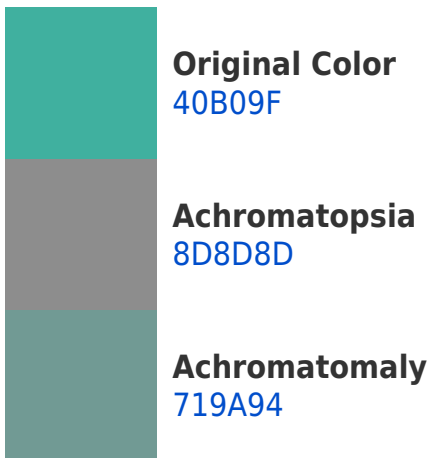




Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 40B09F 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 #40B09F looks like.

```
.text, #text, p{  
    color:#40B09F  
}
```

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 #40B09F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #40B09F
}
```

Border

The CSS property to change the border of an element to Hex 40B09F 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
#40B09F }
```

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

```
.border{ border-color:#40B09F }
```

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

Here you see how a box with a 4 pixel #40B09F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #40B09F; -webkit-box-shadow:4px 4px  
4px 4px #40B09F; box-shadow:4px 4px 4px  
4px #40B09F }
```

Background

The CSS property to change the background color of an element to Hex 40B09F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#40B09F }
```

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

```
.background{ background-color:#40B09F }
```

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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