

Converting Colors

Hex(40C79D)

Have a look what the booklet for
Hex(40C79D) contains.

Hex(40C79D)	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(40C79D)

Conversions

Conversions Part 1

Format	Color
Hex	40C79D
RGB	64, 199, 157
RGB Percent	25%, 78%, 62%
CMY	0.7490, 0.2196, 0.3843
CMYK	0.68, 0.00, 0.21, 0.22
HSL	161°, 55%, 52%
HSV	161°, 68%, 78%
XYZ	28.6236, 44.3712, 38.9542
YIQ	153.8470, -66.9780, -41.6820

Conversions

Conversions Part 2

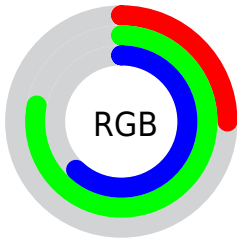
Format	Color
RYB	64, 144, 199
Decimal	4245405
CIELab	72.48, -46.22, 10.56
CIELCh	72, 47.409, 167.124
Yxy	44.3712, 0.2557, 0.3964
Android (android.graphics.Color)	4282435485 (0xFF40C79D)
YUV	153.8470, 1.5544, -78.7958
Hunter-Lab	66.6117, -39.8675, 11.9557

Details

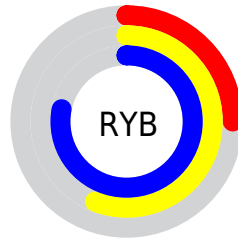
The Hex color **40C79D** is a dark color, and the websafe version is hex **33CC99**. The color can be described as middle muted spring green. A complement of this color would be **C7406A**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **7FFFD4**, and **00906A** is the 20% darker color. If you saturate the color by 10%, you get **2CC797**, and if you desaturate by 10%, it is **54C7A3**.

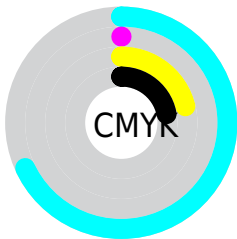
Distribution



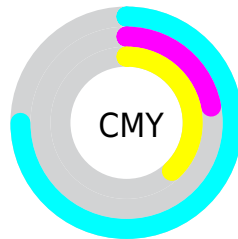
- Red (25%)
- Green (78%)
- Blue (62%)



- Red (25%)
- Yellow (56%)
- Blue (78%)



- Cyan (68%)
- Magenta (0%)
- Yellow (21%)
- Black (22%)



- Cyan (75%)
- Magenta (22%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 40C79D 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 40C79D by changing the saturation by 10% instead.

 40C79D

 40C79D

FFFFFF

 12AB83

 7FFFD4

 00906A

 9DFFF0

 007652

 BBFFFF

 005C3A

 D9FFFF

 004325

 F7FFFF

 002D10

 001000

 000000

 40C79D

 40C79D

■ 2CC797

■ 54C7A3

■ 18C791

■ 68C7A9

■ 04C78A

■ 7CC7B0

■ 00C789

■ 90C7B6

■ A4C7BC

■ B7C7C2

■ CBC7C8

■ DFC7CF

■ F3C7D5

Harmonies

Analogous

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



83C175



40C79D



00C8CA

Triad

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



40C79D



98AEFF



F99974

Complementary

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



40C79D



C7406A

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.



FF8F9A



40C79D



D59DED

Square

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



40C79D



39BCFF



F990C6



DDA95C

Rectangle

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



40C79D



00C6E5



F990C6



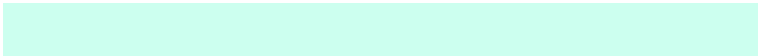
FF9580

Sweetspot

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



40C79D



CCFFEF



6BC740



618076



000000



808080

Same Dimension

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



40C79D



30FFBF



40AEC7



5A6360



00A370



002419

Inverse Universe

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



C7406A



FF3071



C75940



635A5D



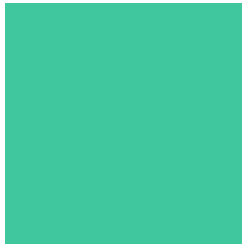
A30033



24000B

Previews

White Background



This preview shows how the Hex color 40C79D 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 40C79D looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

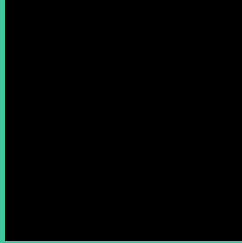
Any Text WCAG AA ✓ Pass

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 40C79D Background



This preview shows how black text looks on a background with the Hex color 40C79D.

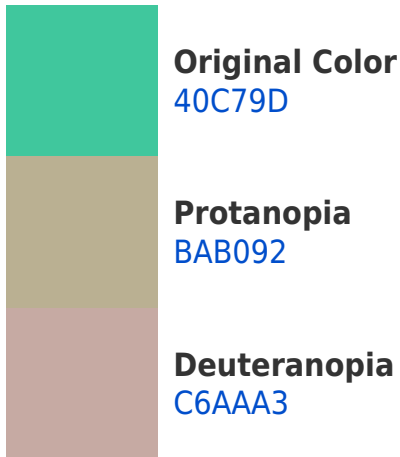


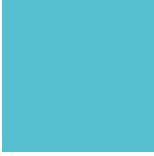
This preview shows how white text looks on a background with the Hex color 40C79D.

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](#).

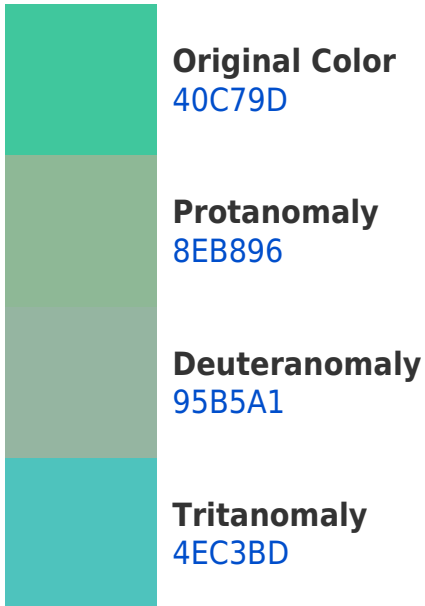
Dichromacy



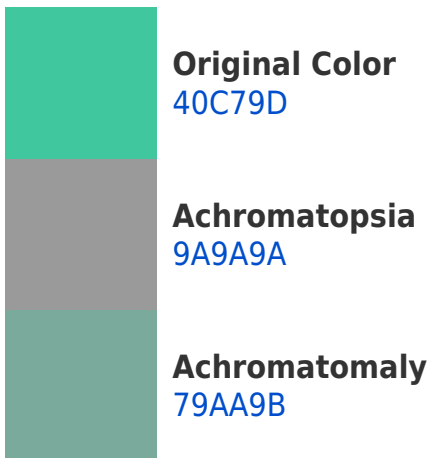


Tritanopia
56C0D0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 40C79D 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 #40C79D looks like.

```
.text, #text, p{  
    color:#40C79D  
}
```

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 #40C79D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #40C79D
}
```

Border

The CSS property to change the border of an element to Hex 40C79D 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
#40C79D }
```

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

```
.border{ border-color:#40C79D }
```

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

Here you see how a box with a 4 pixel #40C79D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #40C79D; -webkit-box-shadow:4px 4px  
4px 4px #40C79D; box-shadow:4px 4px 4px  
4px #40C79D }
```

Background

The CSS property to change the background color of an element to Hex 40C79D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#40C79D }
```

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

```
.background{ background-color:#40C79D }
```

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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