

Converting Colors

Hex(40CD8E)

Have a look what the booklet for
Hex(40CD8E) contains.

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Color

Hex(40CD8E)

Conversions

Conversions Part 1

Format	Color
Hex	40CD8E
RGB	64, 205, 142
RGB Percent	25%, 80%, 56%
CMY	0.7490, 0.1961, 0.4431
CMYK	0.69, 0.00, 0.31, 0.20
HSL	153°, 59%, 53%
HSV	153°, 69%, 80%
XYZ	28.8282, 46.7056, 33.0869
YIQ	155.6590, -63.8130, -49.4850

Conversions

Conversions Part 2

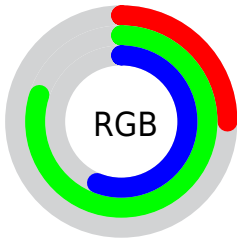
Format	Color
RYB	64, 155, 205
Decimal	4246926
CIELab	74.00, -51.99, 20.71
CIELCh	74, 55.969, 158.279
Yxy	46.7056, 0.2654, 0.4300
Android (android.graphics.Color)	4282437006 (0xFF40CD8E)
YUV	155.6590, -6.7339, -80.3849
Hunter-Lab	68.3415, -44.3019, 19.1344

Details

The Hex color **40CD8E** 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 **CD407F**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **80FFC4**, and **00965B** is the 20% darker color. If you saturate the color by 10%, you get **2BCD85**, and if you desaturate by 10%, it is **55CD97**.

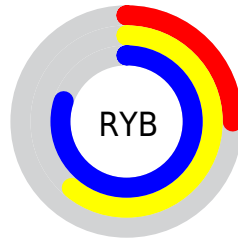
Distribution



Red (25%)

Green (80%)

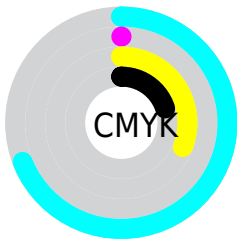
Blue (56%)



Red (25%)

Yellow (61%)

Blue (80%)

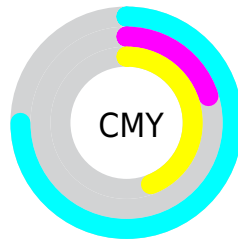


Cyan (69%)

Magenta (0%)

Yellow (31%)

Black (20%)



Cyan (75%)

Magenta (20%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 40CD8E 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 40CD8E by changing the saturation by 10% instead.

 40CD8E

 40CD8E

FFFFFF

 10B174

 80FFC4

 00965B

 9EFFE0

 007B44

 BCFFFD

 00612D

 DAFFFF

 004817

 F8FFFF

 003100

 001700

 000000

 40CD8E

 40CD8E

 2BCD85

 55CD97

 17CD7C

 69CDA0

 03CD73

 7ECDA9

 00CD71

 92CDB3

 A7CDBC

 BBCDC5

 D0CDCE

 E4CDD7

 F9CDE0

Harmonies

Analogous

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



8FC562



40CD8E



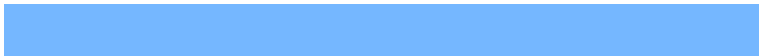
00D0C3

Triad

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



40CD8E



75B7FF



FF9379

Complementary

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



40CD8E



CD407F

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.



FF8AAA



40CD8E



CCA3FF

Square

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



40CD8E



00C5FF



FF90DD



F2A655

Rectangle

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



40CD8E



00CFE5



FF90DD



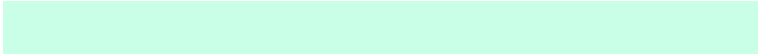
FF8E88

Sweetspot

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



40CD8E



C9FFE7



7FCD40



608071



000000



808080

Same Dimension

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



40CD8E



2BFFA0



40C6CD



5C6661



00A65C



002615

Inverse Universe

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



CD407F



FF2B8A



CD4740



665C60



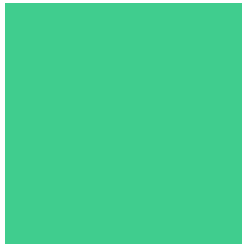
A6004A



260011

Previews

White Background



This preview shows how the Hex color 40CD8E 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 40CD8E looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

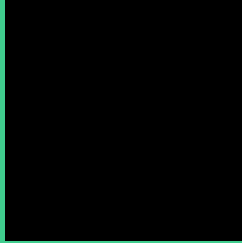
Any Text WCAG AA ✓ Pass

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 40CD8E Background



This preview shows how black text looks on a background with the Hex color 40CD8E.

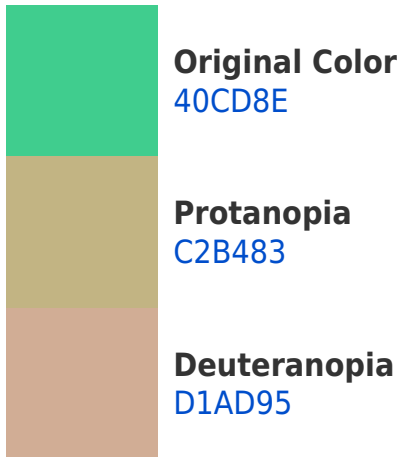


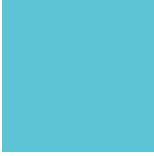
This preview shows how white text looks on a background with the Hex color 40CD8E.

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
5CC4D4

Trichromacy



Original Color
40CD8E



Protanomaly
93BD87



Deuteranomaly
9CB992



Tritanomaly
52C7BB

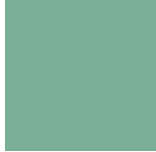
Monochromacy



Original Color
40CD8E



Achromatopsia
9C9C9C



Achromatomaly
7BAE97

CSS Examples

Text

The CSS property to change the color of the text to Hex 40CD8E 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 #40CD8E looks like.

```
.text, #text, p{  
    color:#40CD8E  
}
```

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 #40CD8E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #40CD8E
}
```

Border

The CSS property to change the border of an element to Hex 40CD8E 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
#40CD8E }
```

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

```
.border{ border-color:#40CD8E }
```

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

Here you see how a box with a 4 pixel #40CD8E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #40CD8E; -webkit-box-shadow:4px 4px  
4px 4px #40CD8E; box-shadow:4px 4px 4px  
4px #40CD8E }
```

Background

The CSS property to change the background color of an element to Hex 40CD8E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#40CD8E }
```

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

```
.background{ background-color:#40CD8E }
```

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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