

Converting Colors

Hex(41C993)

Have a look what the booklet for
Hex(41C993) contains.

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Color

Hex(41C993)

Conversions

Conversions Part 1

Format	Color
Hex	41C993
RGB	65, 201, 147
RGB Percent	25%, 79%, 58%
CMY	0.7451, 0.2118, 0.4235
CMYK	0.68, 0.00, 0.27, 0.21
HSL	156°, 56%, 52%
HSV	156°, 68%, 79%
XYZ	28.3331, 45.0037, 34.7970
YIQ	154.1800, -63.7220, -45.6260

Conversions

Conversions Part 2

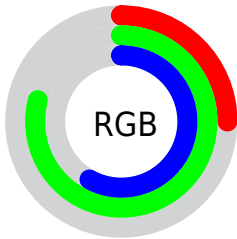
Format	Color
RYB	65, 150, 201
Decimal	4311443
CIELab	72.89, -49.16, 16.53
CIELCh	73, 51.863, 161.417
Yxy	45.0037, 0.2620, 0.4162
Android (android.graphics.Color)	4282501523 (0xFF41C993)
YUV	154.1800, -3.5397, -78.2109
Hunter-Lab	67.0848, -42.0094, 16.2055

Details

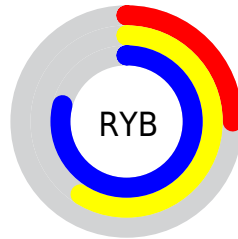
The Hex color **41C993** is a dark color, and the websafe version is hex **33CC99**. The color can be described as middle muted spring green. A complement of this color would be **C94177**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **80FFC9**, and **009260** is the 20% darker color. If you saturate the color by 10%, you get **2DC98B**, and if you desaturate by 10%, it is **55C99B**.

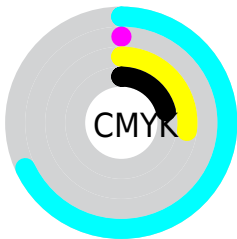
Distribution



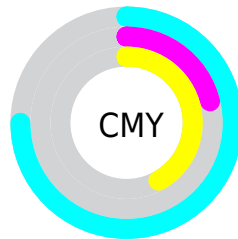
- Red (25%)
- Green (79%)
- Blue (58%)



- Red (25%)
- Yellow (59%)
- Blue (79%)



- Cyan (68%)
- Magenta (0%)
- Yellow (27%)
- Black (21%)



- Cyan (75%)
- Magenta (21%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 41C993 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 41C993 by changing the saturation by 10% instead.

 41C993

 41C993

FFFFFF

 14AD79

 80FFC9

 009260

 9EFFE5

 007748

 BCFFFF

 005E31

 DAFFFF

 00451C

 F8FFFF

 002E04

 001200

 000000

 41C993

 41C993

■ 2DC98B

■ 55C99B

■ 19C983

■ 69C9A3

■ 05C97B

■ 7DC9AB

■ 00C979

■ 91C9B3

■ A6C9BB

■ BAC9C3

■ CEC9CB

■ E2C9D3

■ F6C9DB

Harmonies

Analogous

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



8AC269



41C993



00CBC4

Triad

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



41C993



84B2FF



FF9576

Complementary

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



41C993



C94177

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.



FF8BA2



41C993



CE9FFA

Square

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



41C993



00C0FF



FB8FD2



E8A658

Rectangle

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



41C993



00CAE3



FB8FD2



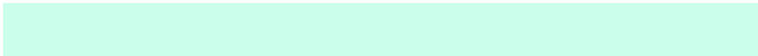
FF9084

Sweetspot

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



41C993



CCFFEB



77C941



618073



000000



808080

Same Dimension

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



41C993



30FFAD



41BBC9



5A6360



00A362



002416

Inverse Universe

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



C94177



FF3082



C94F41



635A5D



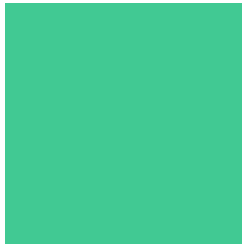
A30041



24000E

Previews

White Background



This preview shows how the Hex color 41C993 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 41C993 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 41C993 Background



This preview shows how black text looks on a background with the Hex color 41C993.

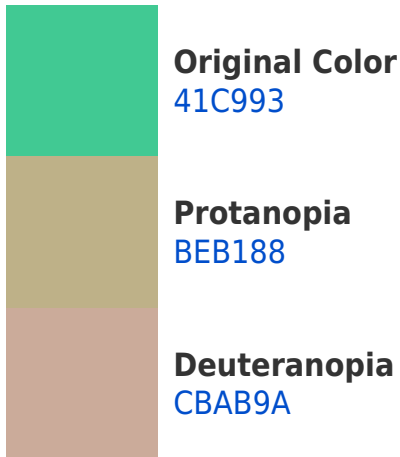


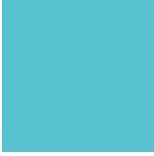
This preview shows how white text looks on a background with the Hex color 41C993.

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](#).

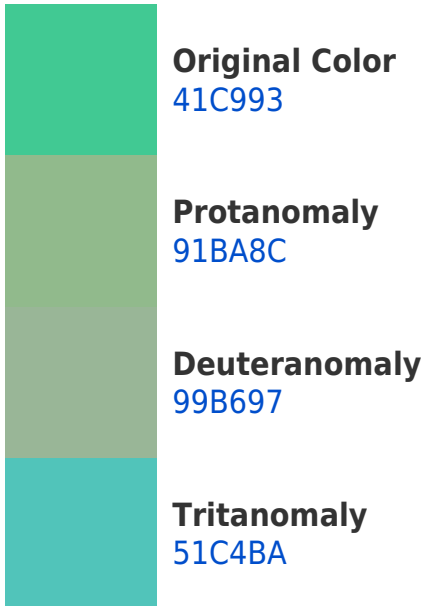
Dichromacy



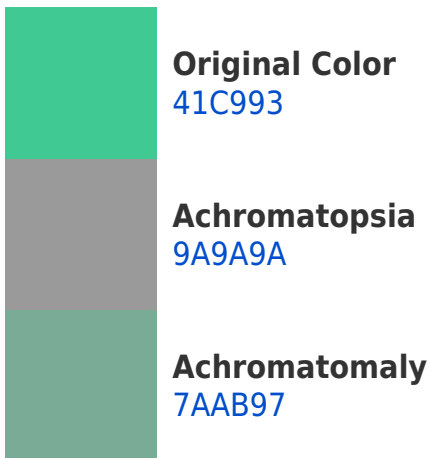


Tritanopia
5AC1D1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 41C993 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 #41C993 looks like.

```
.text, #text, p{  
    color:#41C993  
}
```

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 #41C993 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #41C993
}
```

Border

The CSS property to change the border of an element to Hex 41C993 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
#41C993 }
```

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

```
.border{ border-color:#41C993 }
```

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

Here you see how a box with a 4 pixel #41C993 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #41C993; -webkit-box-shadow:4px 4px  
4px 4px #41C993; box-shadow:4px 4px 4px  
4px #41C993 }
```

Background

The CSS property to change the background color of an element to Hex 41C993 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#41C993 }
```

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

```
.background{ background-color:#41C993 }
```

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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