

Converting Colors

Hex(41CB96)

Have a look what the booklet for
Hex(41CB96) contains.

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Color

Hex(41CB96)

Conversions

Conversions Part 1

Format	Color
Hex	41CB96
RGB	65, 203, 150
RGB Percent	25%, 80%, 59%
CMY	0.7451, 0.2039, 0.4118
CMYK	0.68, 0.00, 0.26, 0.20
HSL	157°, 57%, 53%
HSV	157°, 68%, 80%
XYZ	29.0409, 46.0377, 36.2097
YIQ	155.6960, -65.2350, -45.7390

Conversions

Conversions Part 2

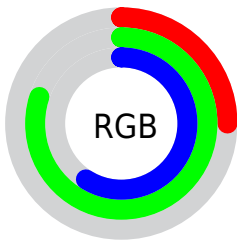
Format	Color
RYB	65, 150, 203
Decimal	4311958
CIELab	73.57, -49.31, 15.87
CIELCh	74, 51.802, 162.164
Yxy	46.0377, 0.2610, 0.4137
Android (android.graphics.Color)	4282502038 (0xFF41CB96)
YUV	155.6960, -2.8081, -79.5404
Hunter-Lab	67.8511, -42.3396, 15.8548

Details

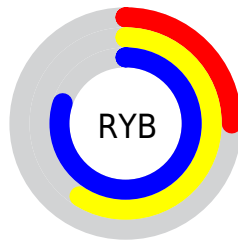
The Hex color **41CB96** is a dark color, and the websafe version is hex **33CC99**. The color can be described as middle muted spring green. A complement of this color would be **CB4176**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **80FFCC**, and **009463** is the 20% darker color. If you saturate the color by 10%, you get **2DCB8E**, and if you desaturate by 10%, it is **55CB9E**.

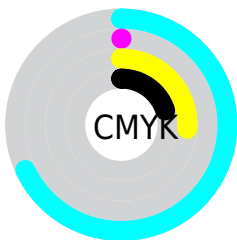
Distribution



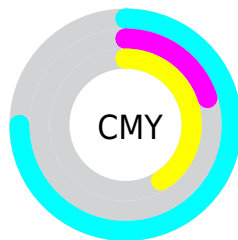
- Red (25%)
- Green (80%)
- Blue (59%)



- Red (25%)
- Yellow (59%)
- Blue (80%)



- Cyan (68%)
- Magenta (0%)
- Yellow (26%)
- Black (20%)



- Cyan (75%)
- Magenta (20%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Hex color 41CB96 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 41CB96 by changing the saturation by 10% instead.



41CB96



41CB96

FFFFFF



13AF7C



80FFCC



009463



9EFFE8



00794B



BCFFFF



005F34



DAFFFF



00471E



F9FFFF



003008



001500



000000



41CB96



41CB96

■ 2DCB8E

■ 55CB9E

■ 18CB86

■ 6ACBA6

■ 04CB7F

■ 7ECBAD

■ 00CB7D

■ 92CBB5

■ A7CBBD

■ BBCBC5

■ CFCBCD

■ E3CBD4

■ F8CBDC

Harmonies

Analogous

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



8AC46C



41CB96



00CDC7

Triad

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



41CB96



89B3FF



FF9777

Complementary

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



41CB96



CB4176

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.



FF8DA3



41CB96



D2A1FC

Square

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



41CB96



00C2FF



FE91D3



E9A859

Rectangle

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



41CB96



00CCE6



FE91D3



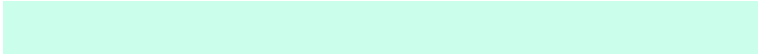
FF9385

Sweetspot

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



41CB96



CCFFEB



78CB41



618074



000000



808080

Same Dimension

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



41CB96



2EFAF



41BDCB



5C6662



00A666



002618

Inverse Universe

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



CB4176



FF2E7E



CB4F41



665C60



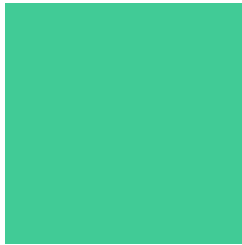
A60040



26000F

Previews

White Background



This preview shows how the Hex color 41CB96 looks on a white background.

Color Contrast Check

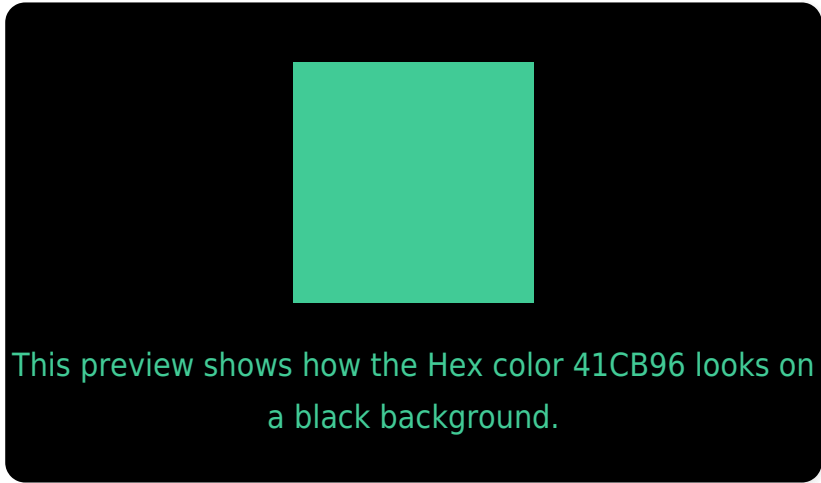
Large Text (above 18pt) WCAG AA × Fail

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

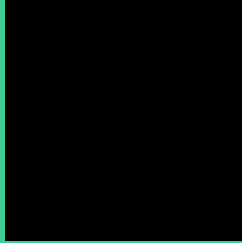
Any Text WCAG AA ✓ Pass

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 41CB96 Background



This preview shows how black text looks on a background with the Hex color 41CB96.

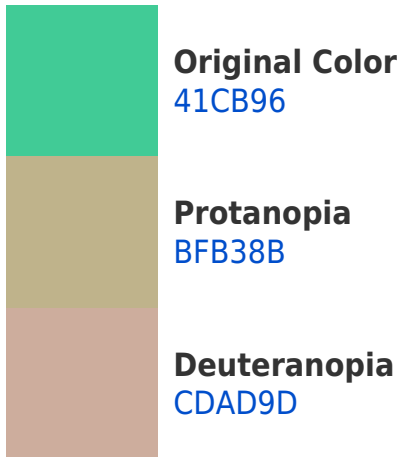


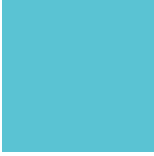
This preview shows how white text looks on a background with the Hex color 41CB96.

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](#).

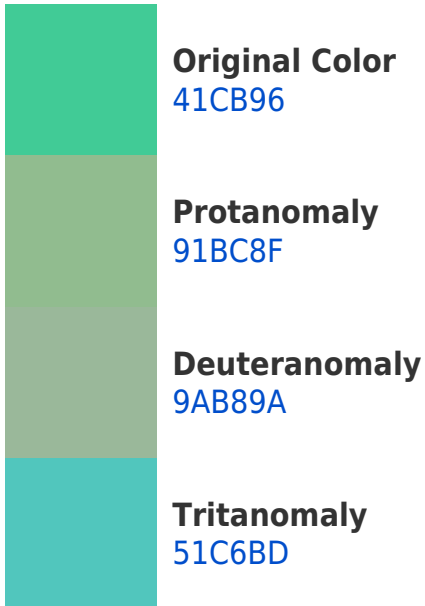
Dichromacy



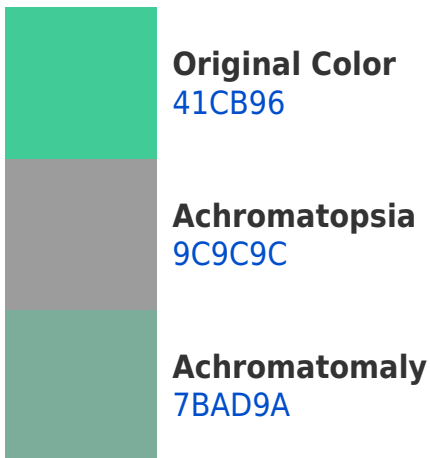


Tritanopia
5AC3D3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 41CB96 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 #41CB96 looks like.

```
.text, #text, p{  
    color:#41CB96  
}
```

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 #41CB96 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #41CB96
}
```

Border

The CSS property to change the border of an element to Hex 41CB96 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
#41CB96 }
```

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

```
.border{ border-color:#41CB96 }
```

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

Here you see how a box with a 4 pixel #41CB96 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #41CB96; -webkit-box-shadow:4px 4px  
4px 4px #41CB96; box-shadow:4px 4px 4px  
4px #41CB96 }
```

Background

The CSS property to change the background color of an element to Hex 41CB96 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#41CB96 }
```

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

```
.background{ background-color:#41CB96 }
```

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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