

Converting Colors

Hex(41CC97)

Have a look what the booklet for
Hex(41CC97) contains.

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Color

Hex(41CC97)

Conversions

Conversions Part 1

Format	Color
Hex	41CC97
RGB	65, 204, 151
RGB Percent	25%, 80%, 59%
CMY	0.7451, 0.2000, 0.4078
CMYK	0.68, 0.00, 0.26, 0.20
HSL	157°, 58%, 53%
HSV	157°, 68%, 80%
XYZ	29.3588, 46.5439, 36.7147
YIQ	156.3970, -65.8310, -45.9510

Conversions

Conversions Part 2

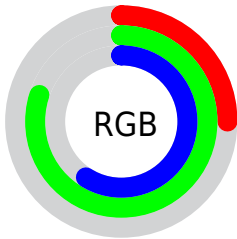
Format	Color
RYB	65, 151, 204
Decimal	4312215
CIELab	73.90, -49.50, 15.79
CIELCh	74, 51.955, 162.308
Yxy	46.5439, 0.2607, 0.4133
Android (android.graphics.Color)	4282502295 (0xFF41CC97)
YUV	156.3970, -2.6607, -80.1552
Hunter-Lab	68.2231, -42.5757, 15.8489

Details

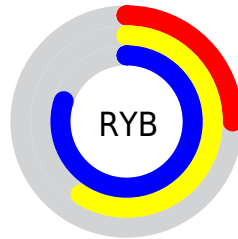
The Hex color **41CC97** is a dark color, and the websafe version is hex **33CC99**. The color can be described as middle muted spring green. A complement of this color would be **CC4176**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **81FFCD**, and **009564** is the 20% darker color. If you saturate the color by 10%, you get **2DCC8F**, and if you desaturate by 10%, it is **55CC9F**.

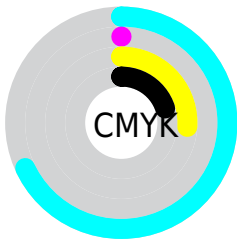
Distribution



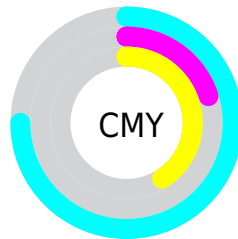
- Red (25%)
- Green (80%)
- Blue (59%)



- 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 41CC97 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 41CC97 by changing the saturation by 10% instead.

 41CC97

 41CC97

FFFFFF

 13B07D

 81FFCD

 009564

 9FFFEA

 007A4C

 BCFFFF

 006035

 DBFFFF

 00471F

 F9FFFF

 003009

 001600

 000000

 41CC97

 41CC97

 2DCC8F

 55CC9F

 18CC87

 6ACCA7

 04CC80

 7ECCAE

 00CC7E

 93CCB6

 A7CCBE

 BBCCC6

 D0CCCD

 E4CCD5

 F9CCDD

Harmonies

Analogous

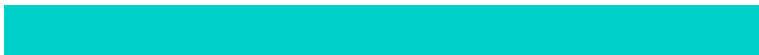
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



8BC56D



41CC97



00CEC8

Triad

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



41CC97



8AB4FF



FF9878

Complementary

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



41CC97



CC4176

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.



FF8EA4



41CC97



D3A1FD

Square

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



41CC97



00C3FF



FF92D4



EAA95A

Rectangle

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



41CC97



00CDE7



FF92D4



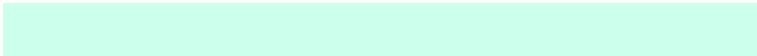
FF9385

Sweetspot

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



41CC97



CCFFEC



76CC41



618074



000000



808080

Same Dimension

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



41CC97



2EFFAF



41BCCC



5C6662



00A667



002618

Inverse Universe

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



CC4176



FF2E7E



CC5141



665C60



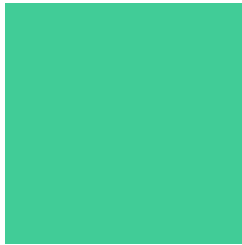
A6003F



26000F

Previews

White Background



This preview shows how the Hex color 41CC97 looks on a white background.

Color Contrast Check

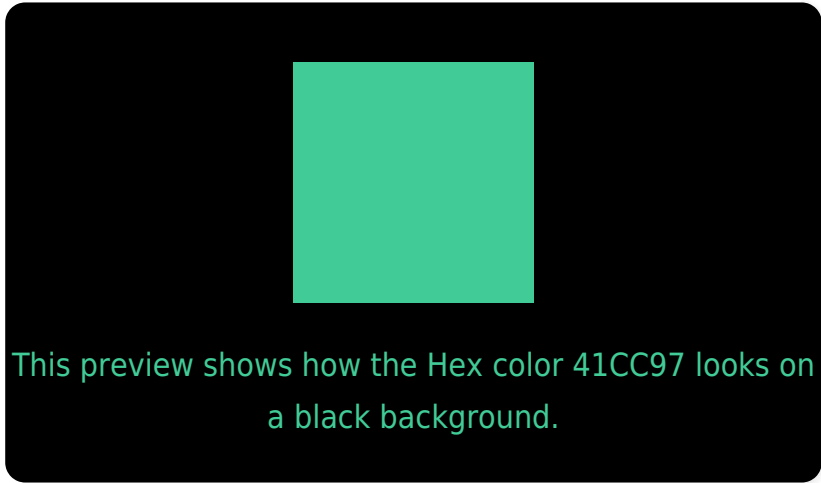
Large Text (above 18pt) WCAG AA × Fail

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

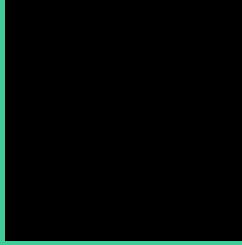
Any Text WCAG AA ✓ Pass

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 41CC97 Background



This preview shows how black text looks on a background with the Hex color 41CC97.

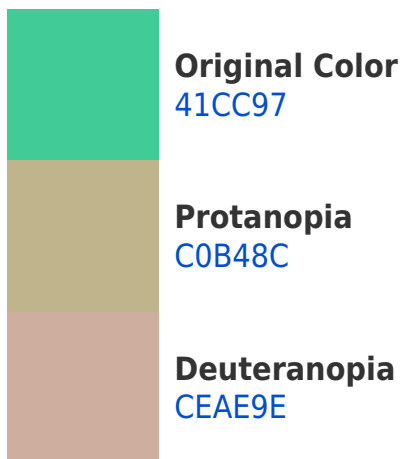


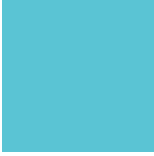
This preview shows how white text looks on a background with the Hex color 41CC97.

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



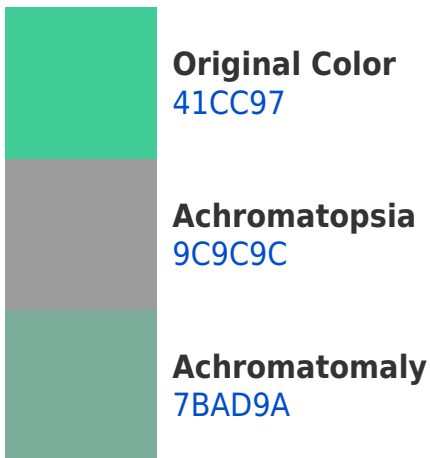


Tritanopia
5AC4D4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 41CC97 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 #41CC97 looks like.

```
.text, #text, p{  
    color:#41CC97  
}
```

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 #41CC97 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #41CC97
}
```

Border

The CSS property to change the border of an element to Hex 41CC97 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
#41CC97 }
```

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

```
.border{ border-color:#41CC97 }
```

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

Here you see how a box with a 4 pixel #41CC97 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #41CC97; -webkit-box-shadow:4px 4px  
4px 4px #41CC97; box-shadow:4px 4px 4px  
4px #41CC97 }
```

Background

The CSS property to change the background color of an element to Hex 41CC97 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#41CC97 }
```

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

```
.background{ background-color:#41CC97 }
```

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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