

Converting Colors

Hex(2CC996)

Have a look what the booklet for
Hex(2CC996) contains.

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Color

Hex(2CC996)

Conversions

Conversions Part 1

Format	Color
Hex	2CC996
RGB	44, 201, 150
RGB Percent	17%, 79%, 59%
CMY	0.8275, 0.2118, 0.4118
CMYK	0.78, 0.00, 0.25, 0.21
HSL	161°, 64%, 48%
HSV	161°, 78%, 79%
XYZ	27.4304, 44.5108, 35.9999
YIQ	148.2430, -77.2010, -49.1450

Conversions

Conversions Part 2

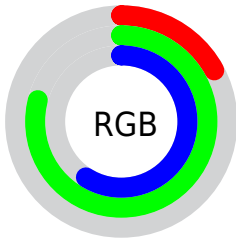
Format	Color
RYB	44, 138, 201
Decimal	2935190
CIELab	72.57, -51.34, 14.41
CIELCh	73, 53.324, 164.324
Yxy	44.5108, 0.2541, 0.4124
Android (android.graphics.Color)	4281125270 (0xFF2CC996)
YUV	148.2430, 0.8662, -91.4211
Hunter-Lab	66.7164, -43.3636, 14.7089

Details

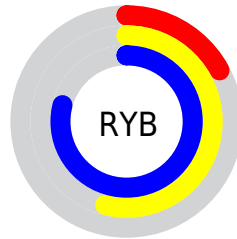
The Hex color **2CC996** is a dark color, and the websafe version is hex **33CC99**. The color can be described as dark muted spring green. A complement of this color would be **C92C5F**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **73FFCC**, and **009263** is the 20% darker color. If you saturate the color by 10%, you get **18C98F**, and if you desaturate by 10%, it is **40C99D**.

Distribution



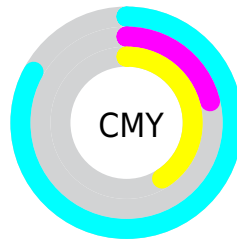
- Red (17%)
- Green (79%)
- Blue (59%)



- Red (17%)
- Yellow (54%)
- Blue (79%)



- Cyan (78%)
- Magenta (0%)
- Yellow (25%)
- Black (21%)



- Cyan (83%)
- Magenta (21%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2CC996 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 2CC996 by changing the saturation by 10% instead.

 2CC996

 2CC996

FFFFFF

 00AD7C

 73FFCC

 009263

 92FFE8

 00774B

 B0FFFF

 005D34

 CFFFFFF

 00441F

 EDFFFF

 002E08

 001000

 000000

 2CC996

 2CC996

 18C98F

 40C99D

 04C989

 54C9A3

 00C988

 68C9AA

 7CC9B0

 91C9B7

 A5C9BD

 B9C9C4

 CDC9CA

 E1C9D1

Harmonies

Analogous

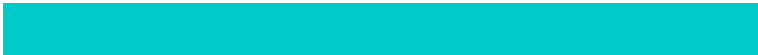
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



81C26A



2CC996



00CBC9

Triad

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



2CC996



8AFFFF



FF9470

Complementary

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



2CC996



C92C5F

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.



FF899C



2CC996



D49CF8

Square

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



2CC996



00BEFF



FF8CCE



E4A652

Rectangle

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



2CC996



00C9E8



FF8CCE



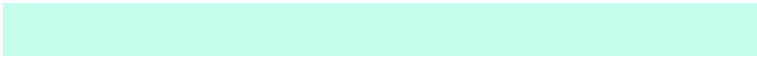
FF8F7E

Sweetspot

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



2CC996



C4FFEC



60C92C



5C8074



000000



808080

Same Dimension

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



2CC996



0FFFB1



2CAFC9



5A6360



00A36E



002418

Inverse Universe

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



C92C5F



FF0F5D



C9462C



635A5D



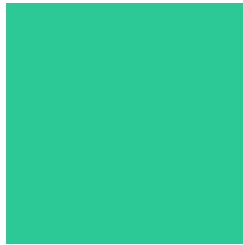
A30035



24000C

Previews

White Background



This preview shows how the Hex color 2CC996 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 2CC996 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 2CC996 Background



This preview shows how black text looks on a background with the Hex color 2CC996.

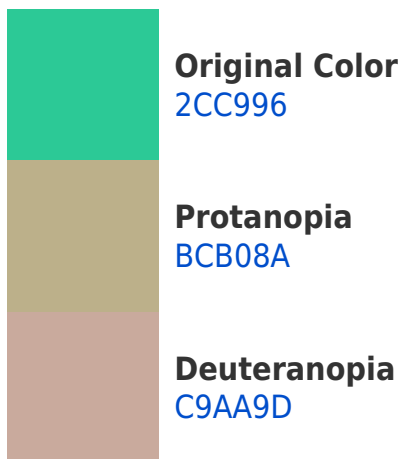


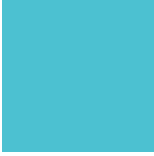
This preview shows how white text looks on a background with the Hex color 2CC996.

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
4CC1D1

Trichromacy



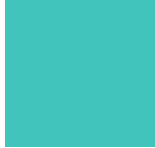
Original Color
2CC996



Protanomaly
88B98E



Deuteranomaly
90B59A



Tritanomaly
40C4BC

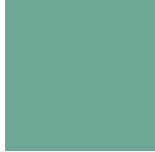
Monochromacy



Original Color
2CC996



Achromatopsia
949494



Achromatomaly
6EA795

CSS Examples

Text

The CSS property to change the color of the text to Hex 2CC996 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 #2CC996 looks like.

```
.text, #text, p{  
    color:#2CC996  
}
```

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 #2CC996 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2CC996
}
```

Border

The CSS property to change the border of an element to Hex 2CC996 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
#2CC996 }
```

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

```
.border{ border-color:#2CC996 }
```

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

Here you see how a box with a 4 pixel #2CC996 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2CC996; -webkit-box-shadow:4px 4px  
4px 4px #2CC996; box-shadow:4px 4px 4px  
4px #2CC996 }
```

Background

The CSS property to change the background color of an element to Hex 2CC996 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2CC996 }
```

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

```
.background{ background-color:#2CC996 }
```

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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