

Converting Colors

Hex(2CCCC2)

Have a look what the booklet for
Hex(2CCCC2) contains.

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Color

Hex(2CCCC2)

Conversions

Conversions Part 1

Format	Color
Hex	2CCCC2
RGB	44, 204, 194
RGB Percent	17%, 80%, 76%
CMY	0.8275, 0.2000, 0.2392
CMYK	0.78, 0.00, 0.05, 0.20
HSL	176°, 65%, 49%
HSV	176°, 78%, 80%
XYZ	32.3692, 47.6162, 58.5238
YIQ	155.0200, -92.1500, -37.0300

Conversions

Conversions Part 2

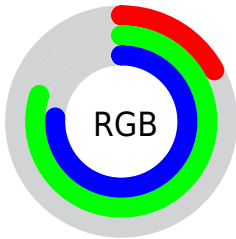
Format	Color
RYB	44, 127, 204
Decimal	2936002
CIELab	74.58, -41.27, -6.44
CIELCh	75, 41.772, 188.864
Yxy	47.6162, 0.2337, 0.3438
Android (android.graphics.Color)	4281126082 (0xFF2CCCC2)
YUV	155.0200, 19.2171, -97.3645
Hunter-Lab	69.0045, -37.0258, -1.9816

Details

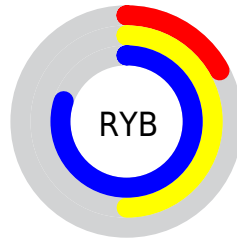
The Hex color **2CCCC2** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as middle muted cyan. A complement of this color would be **CC2C36**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **76FFFA**, and **00958D** is the 20% darker color. If you saturate the color by 10%, you get **18CCC1**, and if you desaturate by 10%, it is **40CCC3**.

Distribution



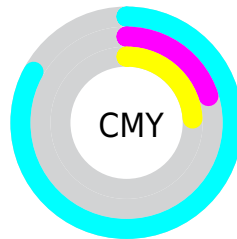
- Red (17%)
- Green (80%)
- Blue (76%)



- Red (17%)
- Yellow (50%)
- Blue (80%)



- Cyan (78%)
- Magenta (0%)
- Yellow (5%)
- Black (20%)



- Cyan (83%)
- Magenta (20%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2CCCC2 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 2CCCC2 by changing the saturation by 10% instead.

 2CCCC2

 2CCCC2

FFFFFF

 00B0A7

 76FFFA

 00958D

 96FFFF

 007B73

 B5FFFF

 00615B

 D4FFFF

 004843

 F2FFFF

 00312D

 001919

 000000

 2CCCC2

 2CCCC2

18CCC1

40CCC3

03CCBF

55CCC5

00CCBF

69CCC6

7ECCC7

92CCC8

A6CCCA

BBCCCB

CFCCCC

E4CCCD

Harmonies

Analogous

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



6BCA9B



2CCCC2



00CAE6

Triad

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



2CCCC2



CBA9F3



E7AC70

Complementary

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



2CCCC2



CC2C36

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.



FD9F89



2CCCC2



F19DD4

Square

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



2CCCC2



92B7FF



FF99AD



C5B96A

Rectangle

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



2CCCC2



2CC6F8



FF99AD



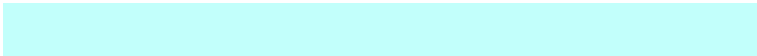
F0A777

Sweetspot

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



2CCCC2



C2FFFB



37CC2C



5B807D



000000



808080

Same Dimension

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



2CCCC2



0FFFF0



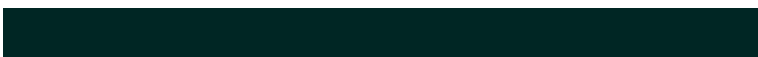
2C87CC



5C6665



00A69B



002624

Inverse Universe

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



CC2C36



FF0F1E



CC712C



665C5C



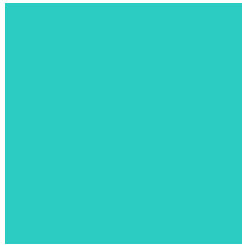
A6000A



260002

Previews

White Background



This preview shows how the Hex color 2CCCC2 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 2CCCC2 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

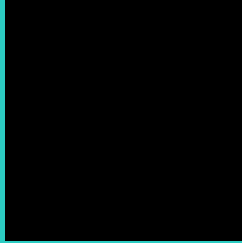
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

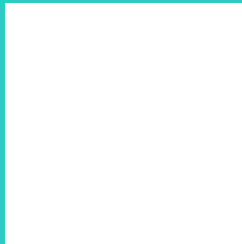
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 2CCCC2 Background



This preview shows how black text looks on a background with the Hex color 2CCCC2.



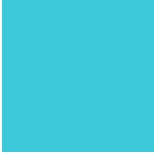
This preview shows how white text looks on a background with the Hex color 2CCCC2.

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
3DC9D9

Trichromacy



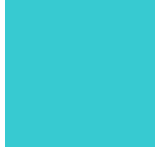
Original Color
2CCCC2



Protanomaly
86BDBA



Deuteranomaly
8ABBC6



Tritanomaly
37CAD1

Monochromacy



Original Color
2CCCC2



Achromatopsia
9B9B9B



Achromatomaly
73ADA9

CSS Examples

Text

The CSS property to change the color of the text to Hex 2CCCC2 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 #2CCCC2 looks like.

```
.text, #text, p{  
    color:#2CCCC2  
}
```

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 #2CCCC2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2CCCC2
}
```

Border

The CSS property to change the border of an element to Hex 2CCCC2 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
#2CCCC2 }
```

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

```
.border{ border-color:#2CCCC2 }
```

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

Here you see how a box with a 4 pixel #2CCCC2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2CCCC2; -webkit-box-shadow:4px 4px  
4px 4px #2CCCC2; box-shadow:4px 4px 4px  
4px #2CCCC2 }
```

Background

The CSS property to change the background color of an element to Hex 2CCCC2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2CCCC2 }
```

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

```
.background{ background-color:#2CCCC2 }
```

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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