

Converting Colors

Hex(2CC5BE)

Have a look what the booklet for
Hex(2CC5BE) contains.

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Color

Hex(2CC5BE)

Conversions

Conversions Part 1

Format	Color
Hex	2CC5BE
RGB	44, 197, 190
RGB Percent	17%, 77%, 75%
CMY	0.8275, 0.2275, 0.2549
CMYK	0.78, 0.00, 0.04, 0.23
HSL	177°, 63%, 47%
HSV	177°, 78%, 77%
XYZ	30.2992, 44.1857, 55.6470
YIQ	150.4550, -88.9410, -34.6130

Conversions

Conversions Part 2

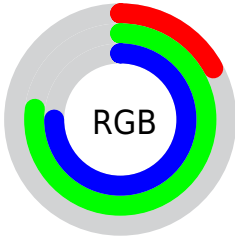
Format	Color
RYB	44, 122, 197
Decimal	2934206
CIELab	72.35, -39.27, -7.57
CIElCh	72, 39.992, 190.913
Yxy	44.1857, 0.2328, 0.3395
Android (android.graphics.Color)	4281124286 (0xFF2CC5BE)
YUV	150.4550, 19.4957, -93.3610
Hunter-Lab	66.4723, -34.9632, -3.1037

Details

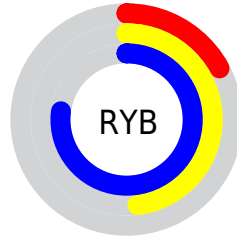
The Hex color **2CC5BE** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as middle muted spring green. A complement of this color would be **C52C33**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **75FEF6**, and **008E89** is the 20% darker color. If you saturate the color by 10%, you get **18C5BD**, and if you desaturate by 10%, it is **40C5BF**.

Distribution



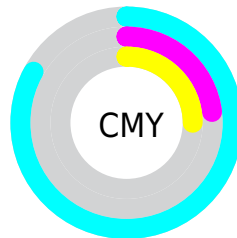
- Red (17%)
- Green (77%)
- Blue (75%)



- Red (17%)
- Yellow (48%)
- Blue (77%)



- Cyan (78%)
- Magenta (0%)
- Yellow (4%)
- Black (23%)



- Cyan (83%)
- Magenta (23%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2CC5BE 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 2CC5BE by changing the saturation by 10% instead.

 2CC5BE


 2CC5BE

FFFFFF

 00A9A3

 75FEF6

 008E89

 94FFFF

 00746F

 B3FFFF

 005B57

 D1FFFF

 004340

 F0FFFF

 002C2A

 001016

 000000

 2CC5BE

 2CC5BE

■ 18C5BD

■ 40C5BF

■ 05C5BC

■ 53C5C0

■ 00C5BC

■ 67C5C1

■ 7BC5C2

■ 8FC5C3

■ A2C5C3

■ B6C5C4

■ CAC5C5

■ DDC5C6

Harmonies

Analogous

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



66C398



2CC5BE



00C3E0

Triad

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



2CC5BE



C7A3E9



DDA76D

Complementary

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



2CC5BE



C52C33

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.



F39B83



2CC5BE



EA98CA

Square

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



2CC5BE



92B0F9



F895A5



BCB468

Rectangle

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



2CC5BE



37BFF0



F895A5



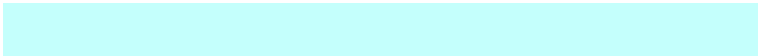
E6A372

Sweetspot

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



2CC5BE



C4FFFC



34C52C



5C807E



000000



808080

Same Dimension

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



2CC5BE



12FFF4



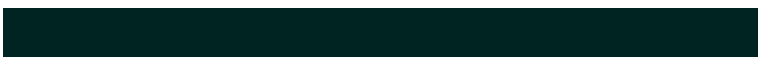
2C80C5



5A6363



00A39C



002422

Inverse Universe

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



C52C33



FF121D



C5712C



635A5A



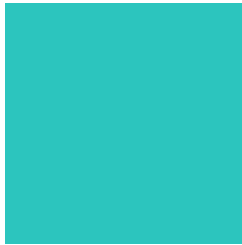
A30007



240002

Previews

White Background



This preview shows how the Hex color 2CC5BE 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 2CC5BE 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

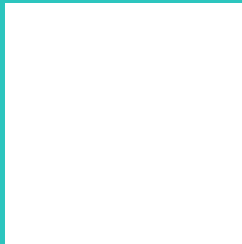
Any Text WCAG AAA ✓ Pass

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

Hex 2CC5BE Background



This preview shows how black text looks on a background with the Hex color 2CC5BE.



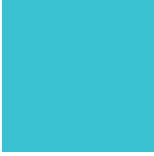
This preview shows how white text looks on a background with the Hex color 2CC5BE.

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
3BC2D2

Trichromacy



Original Color
2CC5BE



Protanomaly
82B7B6



Deuteranomaly
85B4C2



Tritanomaly
36C3CB

Monochromacy



Original Color
2CC5BE



Achromatopsia
969696



Achromatomaly
6FA7A5

CSS Examples

Text

The CSS property to change the color of the text to Hex 2CC5BE 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 #2CC5BE looks like.

```
.text, #text, p{  
    color:#2CC5BE  
}
```

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 #2CC5BE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2CC5BE
}
```

Border

The CSS property to change the border of an element to Hex 2CC5BE 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
#2CC5BE }
```

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

```
.border{ border-color:#2CC5BE }
```

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

Here you see how a box with a 4 pixel #2CC5BE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2CC5BE; -webkit-box-shadow:4px 4px  
4px 4px #2CC5BE; box-shadow:4px 4px 4px  
4px #2CC5BE }
```

Background

The CSS property to change the background color of an element to Hex 2CC5BE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2CC5BE }
```

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

```
.background{ background-color:#2CC5BE }
```

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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