

Converting Colors

Hex(2BBCBC)

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

Hex(2BBCBC)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(2BBCBC)

Conversions

Conversions Part 1

Format	Color
Hex	2BBCBC
RGB	43, 188, 188
RGB Percent	17%, 74%, 74%
CMY	0.8314, 0.2627, 0.2627
CMYK	0.77, 0.00, 0.00, 0.26
HSL	180°, 63%, 45%
HSV	180°, 77%, 74%
XYZ	28.0566, 40.1109, 53.8404
YIQ	144.6450, -86.4200, -30.7400

Conversions

Conversions Part 2

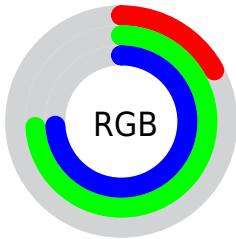
Format	Color
R_{YB}	43, 116, 188
Decimal	2866364
CIE Lab	69.55, -35.83, -10.66
CIE LCh	70, 37.378, 196.565
Yxy	40.1109, 0.2300, 0.3288
Android (android.graphics.Color)	4281056444 (0xFF2BBCBC)
YUV	144.6450, 21.3740, -89.1427
Hunter-Lab	63.3331, -31.7575, -6.0701

Details

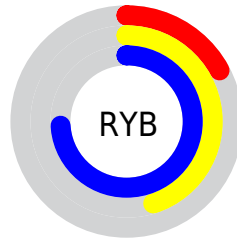
The Hex color **2BBCBC** is a dark color, and the websafe version is hex **33CCCC**. A complement of this color would be **BC2B2B**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **73F5F4**, and **008687** is the 20% darker color. If you saturate the color by 10%, you get **18BCBC**, and if you desaturate by 10%, it is **3EBCBC**.

Distribution



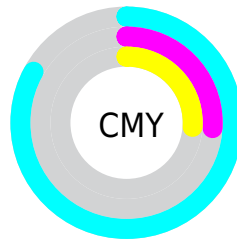
- Red (17%)
- Green (74%)
- Blue (74%)



- Red (17%)
- Yellow (45%)
- Blue (74%)



- Cyan (77%)
- Magenta (0%)
- Yellow (0%)
- Black (26%)



- Cyan (83%)
- Magenta (26%)
- Yellow (26%)

Brightness & Saturation Gradients

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

 2BBCBC

 2BBCBC

FFFFFF

 00A1A1

 73F5F4

 008687

 92FFFF

 006C6E

 B0FFFF

 005355

 CFFFFFF

 003B3E

 EDFFFF

 002628

 000115

 000000

 2BBCBC

 2BBCBC

18BCBC

3EBCBC

05BCBC

51BCBC

00BCBC

63BCBC

76BCBC

89BCBC

9CBCBC

AFBCBC

C1BCBC

D4BCBC

Harmonies

Analogous

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



5CBB99



2BBCBC



23B9DA

Triad

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



2BBCBC



C59AD9



CEA368

Complementary

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



2BBCBC



BC2B2B

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.



E4977A



2BBCBC



E291BB

Square

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



2BBCBC



97A7EB



EC9098



ADAE68

Rectangle

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



2BBCBC



4AB5E7



EC9098



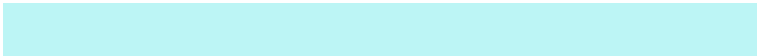
D69F6C

Sweetspot

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



2BBCBC



BCF5F5



2BBC2B



587A7A



FAFAFA



7A7A7A

Same Dimension

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



2BBCBC



11F5F5



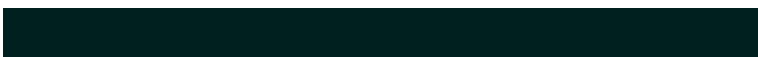
2B74BC



555E5E



009E9E



001F1F

Inverse Universe

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



BC2BBC



F511F5



BC742B



5E555E



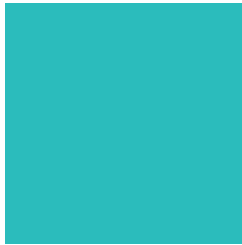
9E009E



1F001F

Previews

White Background



This preview shows how the Hex color 2BBCBC looks on a white background.

Color Contrast Check

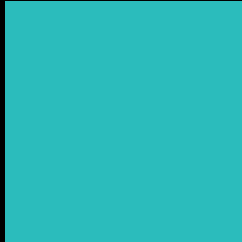
Large Text (above 18pt) WCAG AA × Fail

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 2BBCBC looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

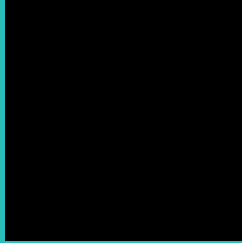
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

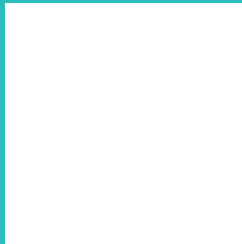
Any Text WCAG AAA ✓ Pass

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

Hex 2BBCBC Background



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

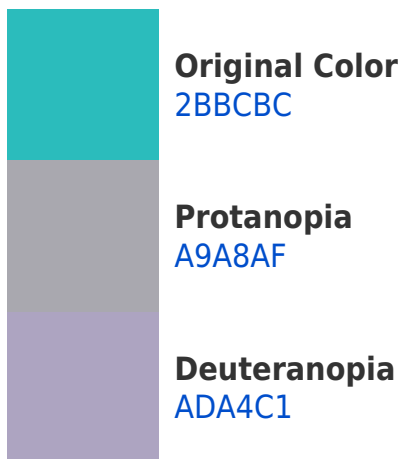


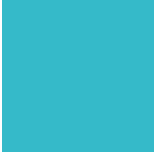
This preview shows how white text looks on a background with the Hex color 2BBCBC.

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
35BAC9

Trichromacy



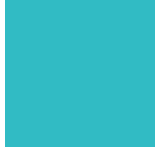
Original Color
2BBCBC



Protanomaly
7BAFB4



Deuteranomaly
7EADBF



Tritanomaly
31BBC4

Monochromacy



Original Color
2BBCBC



Achromatopsia
919191



Achromatomaly
6CA1A1

CSS Examples

Text

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

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

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 #2BBCBC colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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