

Converting Colors

Hex(2BC7A4)

Have a look what the booklet for
Hex(2BC7A4) contains.

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Color

Hex(2BC7A4)

Conversions

Conversions Part 1

Format	Color
Hex	2BC7A4
RGB	43, 199, 164
RGB Percent	17%, 78%, 64%
CMY	0.8314, 0.2196, 0.3569
CMYK	0.78, 0.00, 0.18, 0.22
HSL	167°, 64%, 47%
HSV	167°, 78%, 78%
XYZ	28.1205, 44.0408, 42.1406
YIQ	148.3660, -81.7410, -43.9570

Conversions

Conversions Part 2

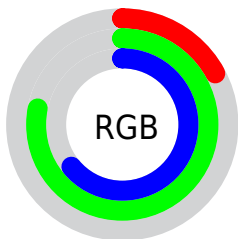
Format	Color
RYB	43, 131, 199
Decimal	2869156
CIELab	72.26, -47.24, 6.41
CIELCh	72, 47.677, 172.268
Yxy	44.0408, 0.2460, 0.3853
Android (android.graphics.Color)	4281059236 (0xFF2BC7A4)
YUV	148.3660, 7.7076, -92.4060
Hunter-Lab	66.3632, -40.4987, 8.8052

Details

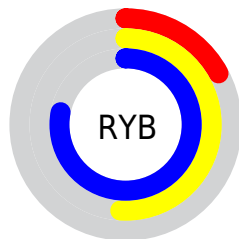
The Hex color **2BC7A4** is a dark color, and the websafe version is hex **33CC99**. The color can be described as middle muted spring green. A complement of this color would be **C72B4E**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **73FFDB**, and **009070** is the 20% darker color. If you saturate the color by 10%, you get **17C7A0**, and if you desaturate by 10%, it is **3FC7A8**.

Distribution



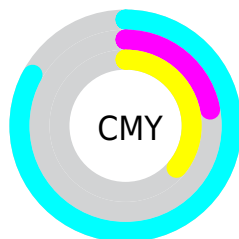
- Red (17%)
- Green (78%)
- Blue (64%)



- Red (17%)
- Yellow (51%)
- Blue (78%)



- Cyan (78%)
- Magenta (0%)
- Yellow (18%)
- Black (22%)



- Cyan (83%)
- Magenta (22%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2BC7A4 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 2BC7A4 by changing the saturation by 10% instead.

 2BC7A4

 2BC7A4

FFFFFF

 00AB8A

 73FFDB

 009070

 92FFF7

 007658

 B0FFFF

 005C41

 CFFFFFF

 00432B

 EDFFFF

 002D16

 000F00

 000000

 2BC7A4

 2BC7A4

■ 17C7A0

■ 3FC7A8

■ 03C79B

■ 53C7AD

■ 00C79A

■ 67C7B1

■ 7BC7B6

■ 8FC7BA

■ A2C7BF

■ B6C7C3

■ CAC7C8

■ DEC7CC

Harmonies

Analogous

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



78C27A



2BC7A4



00C7D1

Triad

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



2BC7A4



A4AAFF



F59B6E

Complementary

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



2BC7A4



C72B4E

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.



FF8F92



2BC7A4



DD9AE7

Square

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



2BC7A4



4DB9FF



FD8EBE



D6AB59

Rectangle

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



2BC7A4



00C5EB



FD8EBE



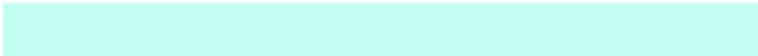
FC9679

Sweetspot

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



2BC7A4



C2FFF1



4FC72B



5B8077



000000



808080

Same Dimension

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



2BC7A4



0FFFC9



2B9DC7



5A6361



00A37F



00241C

Inverse Universe

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



C72B4E



FF0F45



C7552B



635A5C



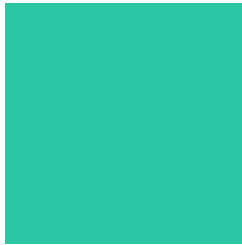
A30025



240008

Previews

White Background



This preview shows how the Hex color 2BC7A4 looks on a white background.

Color Contrast Check

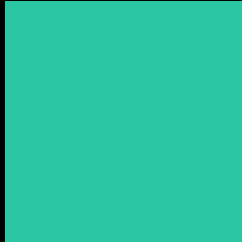
Large Text (above 18pt) WCAG AA × Fail

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 2BC7A4 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

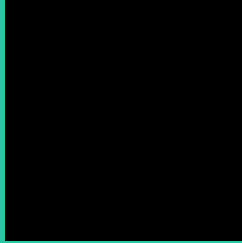
Any Text WCAG AA ✓ Pass

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 2BC7A4 Background



This preview shows how black text looks on a background with the Hex color 2BC7A4.



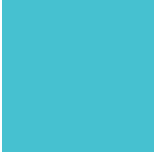
This preview shows how white text looks on a background with the Hex color 2BC7A4.

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
46C1D0

Trichromacy



Original Color
2BC7A4



Protanomaly
85B89C



Deuteranomaly
8CB5A8



Tritanomaly
3CC3C0

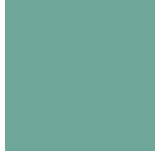
Monochromacy



Original Color
2BC7A4



Achromatopsia
949494



Achromatomaly
6EA79A

CSS Examples

Text

The CSS property to change the color of the text to Hex 2BC7A4 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 #2BC7A4 looks like.

```
.text, #text, p{  
    color:#2BC7A4  
}
```

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 #2BC7A4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2BC7A4
}
```

Border

The CSS property to change the border of an element to Hex 2BC7A4 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
#2BC7A4 }
```

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

```
.border{ border-color:#2BC7A4 }
```

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

Here you see how a box with a 4 pixel #2BC7A4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2BC7A4; -webkit-box-shadow:4px 4px  
4px 4px #2BC7A4; box-shadow:4px 4px 4px  
4px #2BC7A4 }
```

Background

The CSS property to change the background color of an element to Hex 2BC7A4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2BC7A4 }
```

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

```
.background{ background-color:#2BC7A4 }
```

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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