

Converting Colors

Hex(2BA7BB)

Have a look what the booklet for
Hex(2BA7BB) contains.

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Color

Hex(2BA7BB)

Conversions

Conversions Part 1

Format	Color
Hex	2BA7BB
RGB	43, 167, 187
RGB Percent	17%, 65%, 73%
CMY	0.8314, 0.3451, 0.2667
CMYK	0.77, 0.11, 0.00, 0.27
HSL	188°, 63%, 45%
HSV	188°, 77%, 73%
XYZ	23.7846, 31.7389, 51.8863
YIQ	132.2040, -80.3240, -20.0680

Conversions

Conversions Part 2

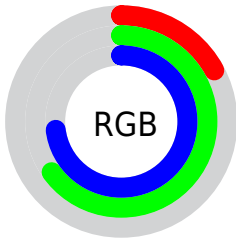
Format	Color
RYB	43, 110, 187
Decimal	2860987
CIELab	63.13, -25.98, -19.79
CIELCh	63, 32.661, 217.299
Yxy	31.7389, 0.2214, 0.2955
Android (android.graphics.Color)	4281051067 (0xFF2BA7BB)
YUV	132.2040, 27.0144, -78.2319
Hunter-Lab	56.3373, -23.2306, -15.1697

Details

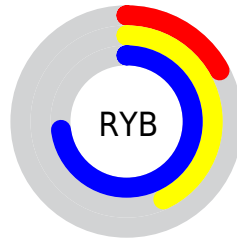
The Hex color **2BA7BB** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **BB3F2B**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **70DEF3**, and **007386** is the 20% darker color. If you saturate the color by 10%, you get **18A4BB**, and if you desaturate by 10%, it is **3EAABB**.

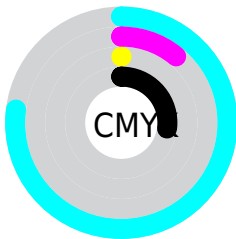
Distribution



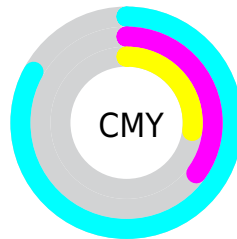
- Red (17%)
- Green (65%)
- Blue (73%)



- Red (17%)
- Yellow (43%)
- Blue (73%)



- Cyan (77%)
- Magenta (11%)
- Yellow (0%)
- Black (27%)



- Cyan (83%)
- Magenta (35%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2BA7BB 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 2BA7BB by changing the saturation by 10% instead.

 2BA7BB

 2BA7BB

FFFFFF

 008CA0

 70DEF3

 007386

 8EFBFF

 005A6C

 ACFFFF

 004254

 CAFFFF

 002B3D

 E9FFFF

 001527

 000112

 000000

 2BA7BB

 2BA7BB

■ 18A4BB

■ 3EAABB

■ 06A2BB

■ 50ACBB

■ 00A1BB

■ 63AFBB

■ 76B1BB

■ 88B4BB

■ 9BB7BB

■ AEB9BB

■ C1BCBB

■ D3BEBB

Harmonies

Analogous

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



3EA99F



2BA7BB



4CA2CE

Triad

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



2BA7BB



C386B0



A5995F

Complementary

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



2BA7BB



BB3F2B

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.



BF8F64



2BA7BB



D18293

Square

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



2BA7BB



A68FC7



CF8677



86A16A

Rectangle

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



2BA7BB



6C9CD2



CF8677



AF965E

Sweetspot

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



2BA7BB



BBEBF2



2BBB3E



58767A



FAFAFA



7A7A7A

Same Dimension

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



2BA7BB



13D3F2



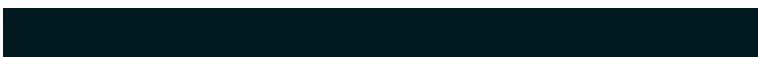
2B60BB



555D5E



00889E



001A1F

Inverse Universe

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



BB2BA7



F213D3



BB862B



5E555D



9E0088



1F001A

Previews

White Background



This preview shows how the Hex color 2BA7BB 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 2BA7BB 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 2BA7BB Background



This preview shows how black text looks on a background with the Hex color 2BA7BB.

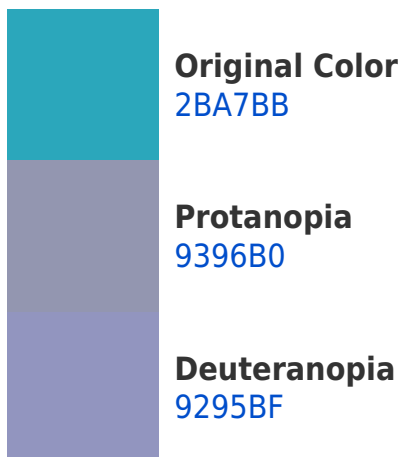


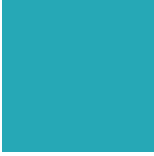
This preview shows how white text looks on a background with the Hex color 2BA7BB.

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](#).

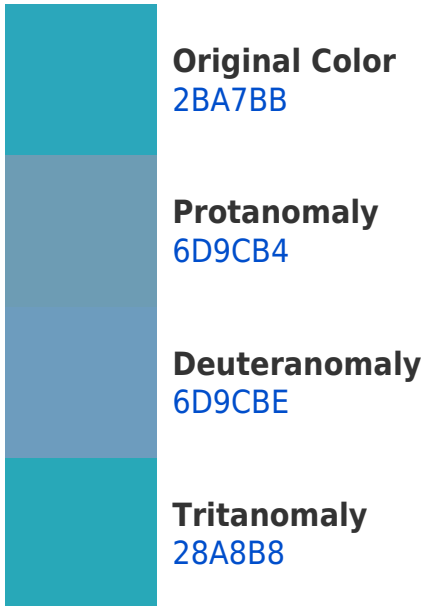
Dichromacy



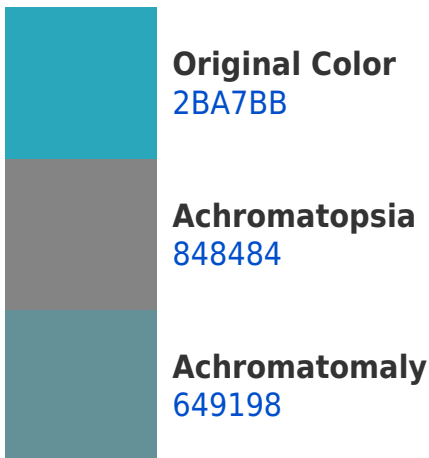


Tritanopia
26A8B6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2BA7BB 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 #2BA7BB looks like.

```
.text, #text, p{  
    color:#2BA7BB  
}
```

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 #2BA7BB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2BA7BB  
}
```

Border

The CSS property to change the border of an element to Hex 2BA7BB 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  
#2BA7BB }
```

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

```
.border{ border-color:#2BA7BB }
```

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

Here you see how a box with a 4 pixel #2BA7BB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2BA7BB; -webkit-box-shadow:4px 4px  
4px 4px #2BA7BB; box-shadow:4px 4px 4px  
4px #2BA7BB }
```

Background

The CSS property to change the background color of an element to Hex 2BA7BB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2BA7BB }
```

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

```
.background{ background-color:#2BA7BB }
```

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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