

Converting Colors

Hex(2BA7BA)

Have a look what the booklet for
Hex(2BA7BA) contains.

Hex(2BA7BA)	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(2BA7BA)

Conversions

Conversions Part 1

Format	Color
Hex	2BA7BA
RGB	43, 167, 186
RGB Percent	17%, 65%, 73%
CMY	0.8314, 0.3451, 0.2706
CMYK	0.77, 0.10, 0.00, 0.27
HSL	188°, 62%, 45%
HSV	188°, 77%, 73%
XYZ	23.6779, 31.6962, 51.3244
YIQ	132.0900, -80.0030, -20.3790

Conversions

Conversions Part 2

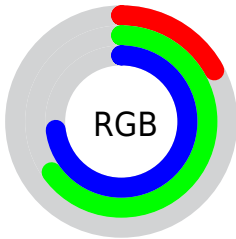
Format	Color
R_{YB}	43, 109, 186
Decimal	2860986
CIE _{Lab}	63.09, -26.30, -19.29
CIE _{LCh}	63, 32.614, 216.254
Yxy	31.6962, 0.2219, 0.2971
Android (android.graphics.Color)	4281051066 (0xFF2BA7BA)
YUV	132.0900, 26.5776, -78.1319
Hunter-Lab	56.2994, -23.4519, -14.6412

Details

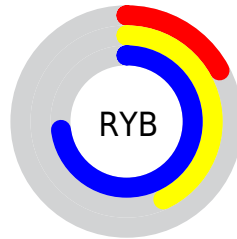
The Hex color **2BA7BA** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **BA3E2B**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **70DEF2**, and **007385** is the 20% darker color. If you saturate the color by 10%, you get **18A5BA**, and if you desaturate by 10%, it is **3EA9BA**.

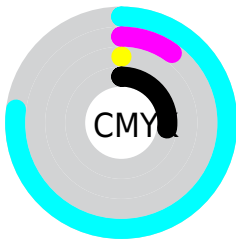
Distribution



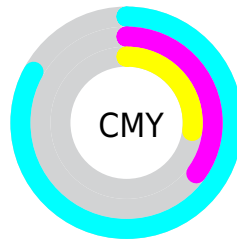
- Red (17%)
- Green (65%)
- Blue (73%)



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



- Cyan (77%)
- Magenta (10%)
- Yellow (0%)
- Black (27%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 2BA7BA 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 2BA7BA by changing the saturation by 10% instead.

 2BA7BA

 2BA7BA

FFFFFF

 008C9F

 70DEF2

 007385

 8EFBFF

 005A6C

 ACFFFF

 004253

 CAFFFF

 002B3C

 E8FFFF

 001426

 000111

 000000

 2BA7BA

 2BA7BA

■ 18A5BA

■ 3EA9BA

■ 06A2BA

■ 50ACBA

■ 00A1BA

■ 63AEBA

■ 75B1BA

■ 88B3BA

■ 9BB6BA

■ ADB8BA

■ C0BBBA

■ D2BDBA

Harmonies

Analogous

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



3FA89E



2BA7BA



4AA2CD

Triad

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



2BA7BA



C286B1



A6995E

Complementary

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



2BA7BA



BA3E2B

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.



C08F64



2BA7BA



D18294

Square

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



2BA7BA



A48FC7



CF8678



87A169

Rectangle

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



2BA7BA



6A9DD2



CF8678



B0965F

Sweetspot

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



2BA7BA



BBEBF2



2BBA3C



58767A



FAFAFA



7A7A7A

Same Dimension

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



2BA7BA



13D5F2



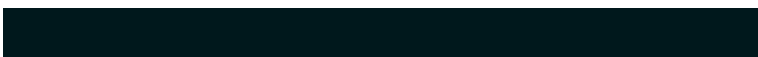
2B62BA



535B5C



00879C



00181C

Inverse Universe

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



BA2BA7



F213D5



BA832B



5C535B



9C0087



1C0018

Previews

White Background



This preview shows how the Hex color 2BA7BA looks on a white background.

Color Contrast Check

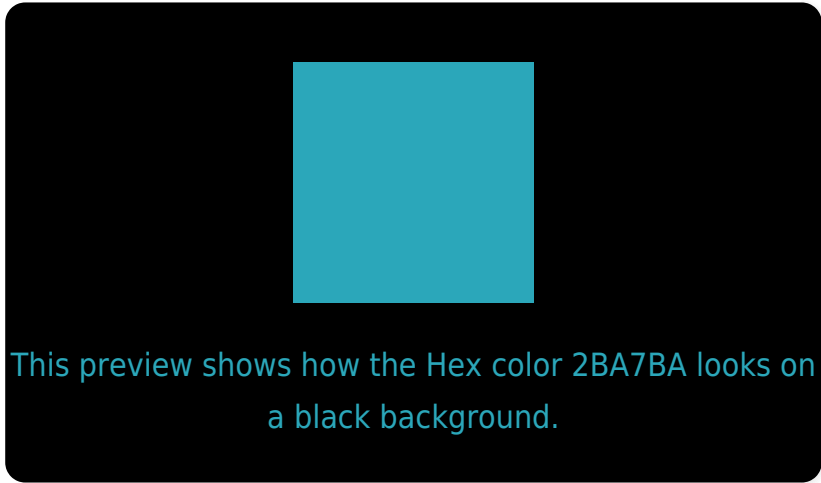
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

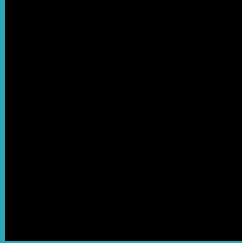
Any Text WCAG AA ✓ Pass

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 2BA7BA Background



This preview shows how black text looks on a background with the Hex color 2BA7BA.

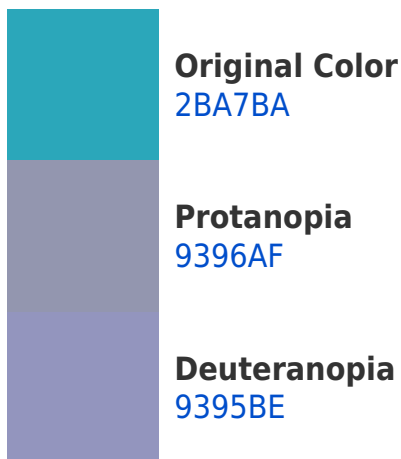


This preview shows how white text looks on a background with the Hex color 2BA7BA.

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](#).

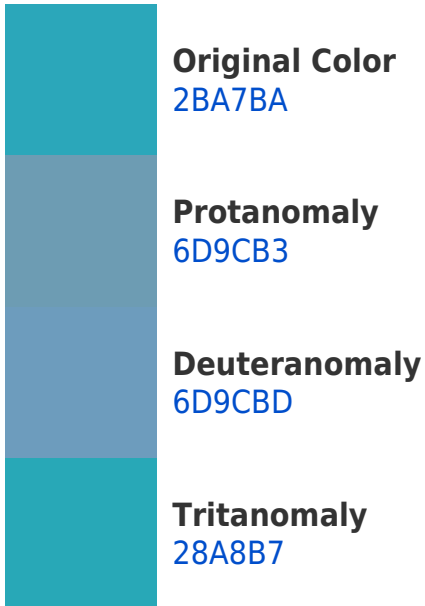
Dichromacy



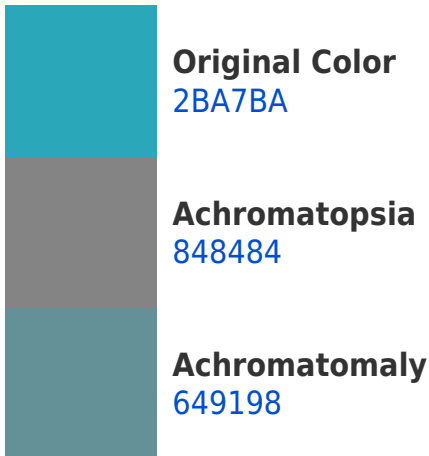


Tritanopia
27A8B5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2BA7BA 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 #2BA7BA looks like.

```
.text, #text, p{  
    color:#2BA7BA  
}
```

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 #2BA7BA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2BA7BA
}
```

Border

The CSS property to change the border of an element to Hex 2BA7BA 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
#2BA7BA }
```

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

```
.border{ border-color:#2BA7BA }
```

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

Here you see how a box with a 4 pixel #2BA7BA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2BA7BA; -webkit-box-shadow:4px 4px  
4px 4px #2BA7BA; box-shadow:4px 4px 4px  
4px #2BA7BA }
```

Background

The CSS property to change the background color of an element to Hex 2BA7BA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2BA7BA }
```

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

```
.background{ background-color:#2BA7BA }
```

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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