

Converting Colors

Hex(2CA2BD)

Have a look what the booklet for
Hex(2CA2BD) contains.

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Color

Hex(2CA2BD)

Conversions

Conversions Part 1

Format	Color
Hex	2CA2BD
RGB	44, 162, 189
RGB Percent	17%, 64%, 74%
CMY	0.8275, 0.3647, 0.2588
CMYK	0.77, 0.14, 0.00, 0.26
HSL	191°, 62%, 46%
HSV	191°, 77%, 74%
XYZ	23.1443, 30.0503, 52.7246
YIQ	129.7960, -78.9950, -16.6190

Conversions

Conversions Part 2

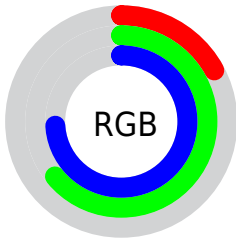
Format	Color
R _Y B	44, 109, 189
Decimal	2925245
CIE Lab	61.70, -22.68, -23.09
CIE LCh	62, 32.364, 225.522
Yxy	30.0503, 0.2185, 0.2837
Android (android.graphics.Color)	4281115325 (0xFF2CA2BD)
YUV	129.7960, 29.1876, -75.2431
Hunter-Lab	54.8181, -20.5686, -18.6530

Details

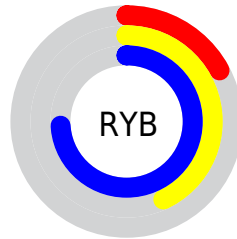
The Hex color **2CA2BD** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **BD472C**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **70D9F5**, and **006E88** is the 20% darker color. If you saturate the color by 10%, you get **199EBD**, and if you desaturate by 10%, it is **3FA6BD**.

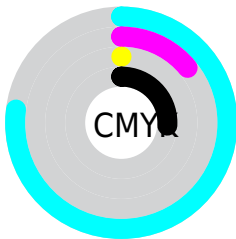
Distribution



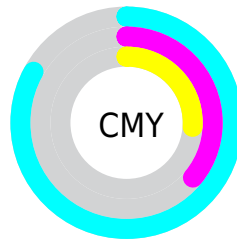
- Red (17%)
- Green (64%)
- Blue (74%)



- Red (17%)
- Yellow (43%)
- Blue (74%)



- Cyan (77%)
- Magenta (14%)
- Yellow (0%)
- Black (26%)



- Cyan (83%)
- Magenta (36%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2CA2BD 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 2CA2BD by changing the saturation by 10% instead.

 2CA2BD

 2CA2BD

FFFFFF

 0088A2

 70D9F5

 006E88

 8FF6FF

 00556E

 ADFFFF

 003E56

 CBFFFF

 00283E

 E9FFFF

 000E29

 000113

 000000

 2CA2BD

 2CA2BD

■ 199EBD

■ 3FA6BD

■ 069BBD

■ 52A9BD

■ 009ABD

■ 65ADBD

■ 78B0BD

■ 8BB4BD

■ 9DB7BD

■ B0BBBD

■ C3BEBD

■ D6C2BD

Harmonies

Analogous

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



32A4A3



2CA2BD



559CCC

Triad

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



2CA2BD



C481A4



99985D

Complementary

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



2CA2BD



BD472C

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.



B48E5E



2CA2BD



CD7F87

Square

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



2CA2BD



AB88BD



C7856D



799F6C

Rectangle

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



2CA2BD



7596CE



C7856D



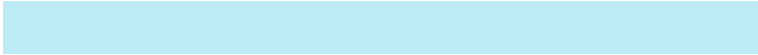
A3955B

Sweetspot

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



2CA2BD



BCEAF5



2CBD47



58747A



FAFAFA



7A7A7A

Same Dimension

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



2CA2BD



14CBF5



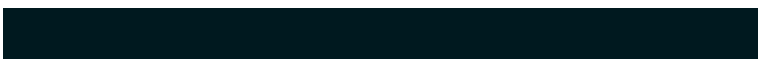
2C5ABD



555D5E



00819E



00191F

Inverse Universe

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



BD2CA2



F514CB



BD8F2C



5E555D



9E0081



1F0019

Previews

White Background



This preview shows how the Hex color 2CA2BD looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 2CA2BD looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

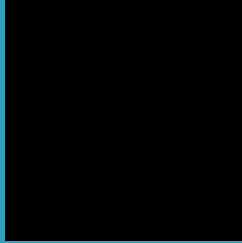
Any Text WCAG AA ✓ Pass

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 2CA2BD Background



This preview shows how black text looks on a background with the Hex color 2CA2BD.

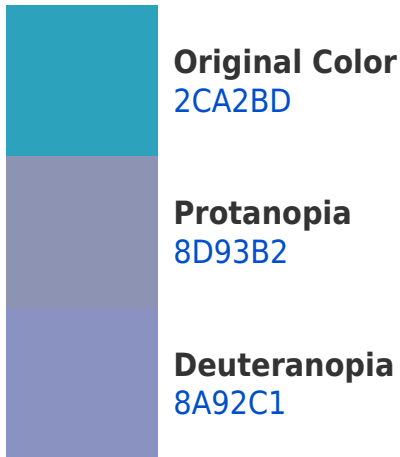


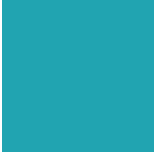
This preview shows how white text looks on a background with the Hex color 2CA2BD.

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](#).

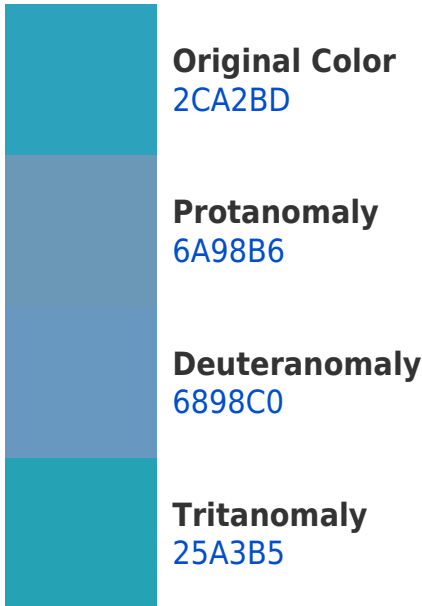
Dichromacy



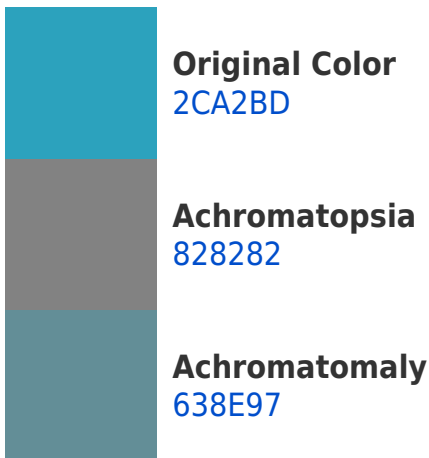


Tritanopia
21A4B1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2CA2BD 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 #2CA2BD looks like.

```
.text, #text, p{  
    color:#2CA2BD  
}
```

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 #2CA2BD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2CA2BD
}
```

Border

The CSS property to change the border of an element to Hex 2CA2BD 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
#2CA2BD }
```

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

```
.border{ border-color:#2CA2BD }
```

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

Here you see how a box with a 4 pixel #2CA2BD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2CA2BD; -webkit-box-shadow:4px 4px  
4px 4px #2CA2BD; box-shadow:4px 4px 4px  
4px #2CA2BD }
```

Background

The CSS property to change the background color of an element to Hex 2CA2BD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2CA2BD }
```

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

```
.background{ background-color:#2CA2BD }
```

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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