

Converting Colors

Hex(2CBBDA)

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

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Color

Hex(2CBBDA)

Conversions

Conversions Part 1

Format	Color
Hex	2CBBDA
RGB	44, 187, 218
RGB Percent	17%, 73%, 85%
CMY	0.8275, 0.2667, 0.1451
CMYK	0.80, 0.14, 0.00, 0.15
HSL	191°, 70%, 51%
HSV	191°, 80%, 85%
XYZ	31.4639, 41.1381, 72.6118
YIQ	147.7770, -95.1790, -20.6750

Conversions

Conversions Part 2

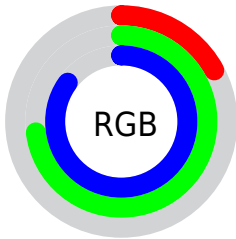
Format	Color
R _Y B	44, 122, 218
Decimal	2931674
CIE Lab	70.27, -25.98, -25.99
CIE LCh	70, 36.749, 225.007
Yxy	41.1381, 0.2167, 0.2833
Android (android.graphics.Color)	4281121754 (0xFF2CBBDA)
YUV	147.7770, 34.6199, -91.0124
Hunter-Lab	64.1390, -24.6785, -22.2250

Details

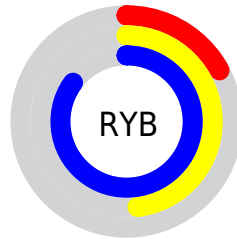
The Hex color **2CBBDA** is a dark color, and the websafe version is hex **00CCFF**. The color can be described as middle washed azure. A complement of this color would be **DA4B2C**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **77F3FF**, and **0085A3** is the 20% darker color. If you saturate the color by 10%, you get **16B7DA**, and if you desaturate by 10%, it is **42BFDA**.

Distribution



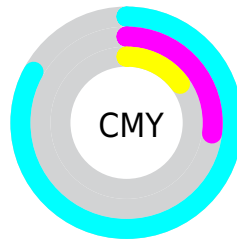
- Red (17%)
- Green (73%)
- Blue (85%)



- Red (17%)
- Yellow (48%)
- Blue (85%)



- Cyan (80%)
- Magenta (14%)
- Yellow (0%)
- Black (15%)



- Cyan (83%)
- Magenta (27%)
- Yellow (15%)

Brightness & Saturation Gradients

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

 2CBBDA

FFFFFF

 77F3FF

 97FFFF

 B6FFFF

 D5FFFF

 F3FFFF

 2CBBDA

 00A0BE

 0085A3

 006C89

 00536F

 003C57

 00263F

 000529

 000114

 000000

■ 2CBBDA

■ 2CBBDA

■ 16B7DA

■ 42BFDA

■ 00B3DA

■ 58C3DA

■ 6DC7DA

■ 83CBDA

■ 99CEDA

■ AFD2DA

■ C5D6DA

■ DADADA

■ F0DEDA

Harmonies

Analogous

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



36BEBC



2CBBDA



5FB4EC

Triad

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



2CBBDA



E394BE



B1AF6A

Complementary

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



2CBBD4



DA4B2C

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.



D1A46C



2CBBDA



ED929C

Square

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



2CBBDA



C59DDB



E6997E



8CB87B

Rectangle

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



2CBBDA



85ADEE



E6997E



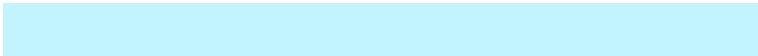
BDAC69

Sweetspot

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



2CBBDA



C2F4FF



2CDA49



5B7980



000000



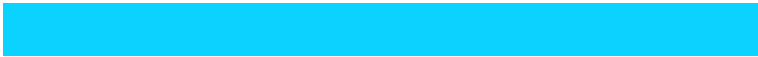
808080

Same Dimension

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



2CBBDA



0AD3FF



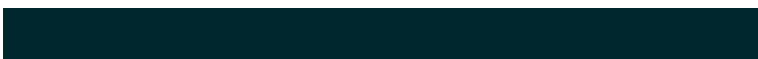
2C66DA



636C6E



008FAD



00262E

Inverse Universe

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



DA2CBB



FF0AD3



DAA02C



6E636C



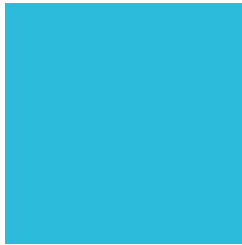
AD008F



2E0026

Previews

White Background



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

Color Contrast Check

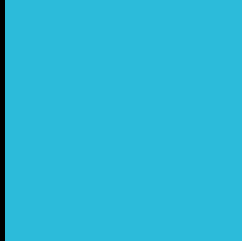
Large Text (above 18pt) WCAG AA × Fail

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 2CBBDA 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 2CBBDA Background



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

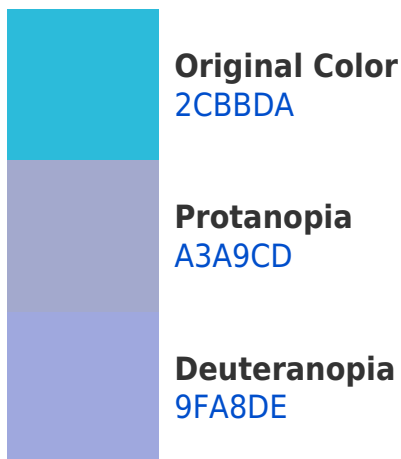


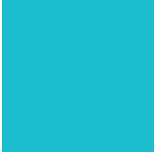
This preview shows how white text looks on a background with the Hex color 2CBBDA.

Color Blindness Simulation

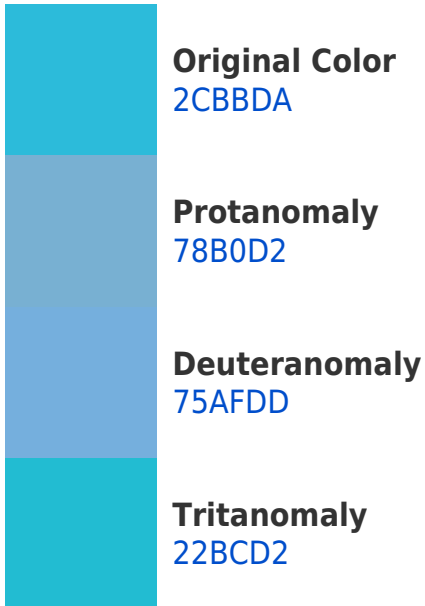
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #2CBBDA colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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