

Converting Colors

Hex(2CB4B5)

Have a look what the booklet for
Hex(2CB4B5) contains.

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Color

Hex(2CB4B5)

Conversions

Conversions Part 1

Format	Color
Hex	2CB4B5
RGB	44, 180, 181
RGB Percent	17%, 71%, 71%
CMY	0.8275, 0.2941, 0.2902
CMYK	0.76, 0.01, 0.00, 0.29
HSL	180°, 61%, 44%
HSV	180°, 76%, 71%
XYZ	25.7005, 36.5142, 49.4094
YIQ	139.4500, -81.3770, -28.5210

Conversions

Conversions Part 2

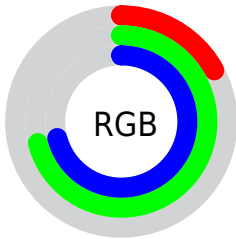
Format	Color
RYB	44, 112, 181
Decimal	2929845
CIELab	66.91, -34.05, -10.74
CIElCh	67, 35.705, 197.506
Yxy	36.5142, 0.2302, 0.3271
Android (android.graphics.Color)	4281119925 (0xFF2CB4B5)
YUV	139.4500, 20.4842, -83.7096
Hunter-Lab	60.4270, -29.8286, -6.1809

Details

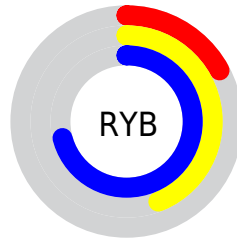
The Hex color **2CB4B5** is a dark color, and the websafe version is hex **33CCCC**. A complement of this color would be **B52D2C**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **72ECED**, and **007F80** is the 20% darker color. If you saturate the color by 10%, you get **1AB4B5**, and if you desaturate by 10%, it is **3EB4B5**.

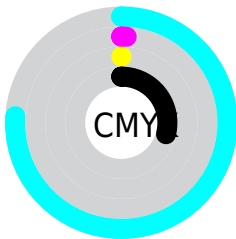
Distribution



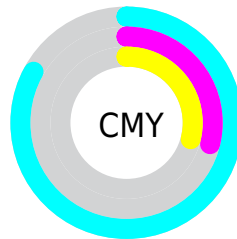
- Red (17%)
- Green (71%)
- Blue (71%)



- Red (17%)
- Yellow (44%)
- Blue (71%)



- Cyan (76%)
- Magenta (1%)
- Yellow (0%)
- Black (29%)



- Cyan (83%)
- Magenta (29%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2CB4B5 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 2CB4B5 by changing the saturation by 10% instead.

 2CB4B5

 2CB4B5

FFFFFF

 00999A

 72ECED

 007F80

 90FFFF

 006567

 AEFFFF

 004C4F

 CCFFFF

 003538

 EBFFFF

 002123

 00010D

 000000

 2CB4B5

 2CB4B5

■ 1AB4B5

■ 3EB4B5

■ 08B4B5

■ 50B4B5

■ 00B4B5

■ 62B4B5

■ 74B5B5

■ 87B5B5

■ 99B5B5

■ ABB5B5

■ BDB5B5

■ CFB5B5

Harmonies

Analogous

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



58B394



2CB4B5



28B1D1

Triad

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



2CB4B5



BE94CE



C49C64

Complementary

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



2CB4B5



B52D2C

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.



DA9175



2CB4B5



D98BB2

Square

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



2CB4B5



939FE0



E28A91



A5A765

Rectangle

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



2CB4B5



4BADDD



E28A91



CC9868

Sweetspot

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



2CB4B5



B5EAEB



2CB52C



547575



F5F5F5



757575

Same Dimension

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



2CB4B5



15E9EB



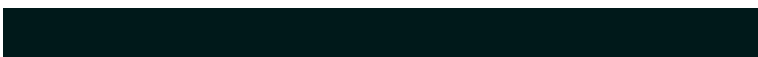
2C70B5



505959



009899



00191A

Inverse Universe

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



B52CB4



EB15E9



B5702C



595059



990098



1A0019

Previews

White Background



This preview shows how the Hex color 2CB4B5 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 2CB4B5 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

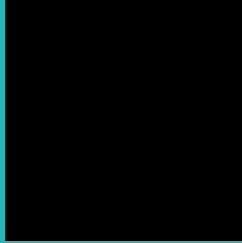
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

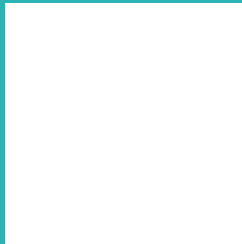
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 2CB4B5 Background



This preview shows how black text looks on a background with the Hex color 2CB4B5.

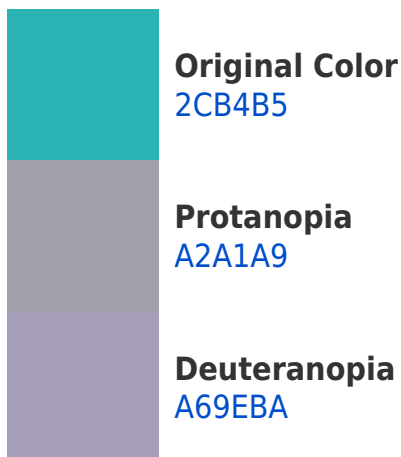


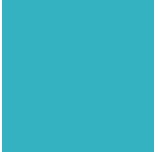
This preview shows how white text looks on a background with the Hex color 2CB4B5.

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
35B2C1

Trichromacy



Original Color
2CB4B5



Protanomaly
77A8AD



Deuteranomaly
7AA6B8



Tritanomaly
32B3BD

Monochromacy



Original Color
2CB4B5



Achromatopsia
8B8B8B



Achromatomaly
689A9A

CSS Examples

Text

The CSS property to change the color of the text to Hex 2CB4B5 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 #2CB4B5 looks like.

```
.text, #text, p{  
    color:#2CB4B5  
}
```

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 #2CB4B5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2CB4B5
}
```

Border

The CSS property to change the border of an element to Hex 2CB4B5 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
#2CB4B5 }
```

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

```
.border{ border-color:#2CB4B5 }
```

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

Here you see how a box with a 4 pixel #2CB4B5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2CB4B5; -webkit-box-shadow:4px 4px  
4px 4px #2CB4B5; box-shadow:4px 4px 4px  
4px #2CB4B5 }
```

Background

The CSS property to change the background color of an element to Hex 2CB4B5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2CB4B5 }
```

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

```
.background{ background-color:#2CB4B5 }
```

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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