

Converting Colors

Hex(2BB4CF)

Have a look what the booklet for
Hex(2BB4CF) contains.

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Color

Hex(2BB4CF)

Conversions

Conversions Part 1

Format	Color
Hex	2BB4CF
RGB	43, 180, 207
RGB Percent	17%, 71%, 81%
CMY	0.8314, 0.2941, 0.1882
CMYK	0.79, 0.13, 0.00, 0.19
HSL	190°, 66%, 49%
HSV	190°, 79%, 81%
XYZ	28.5800, 37.6611, 64.7945
YIQ	142.1150, -90.3190, -20.6470

Conversions

Conversions Part 2

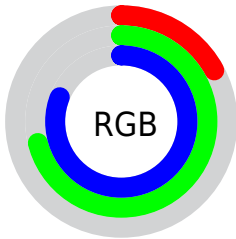
Format	Color
R _Y B	43, 118, 207
Decimal	2864335
CIE Lab	67.77, -26.10, -23.79
CIE LCh	68, 35.320, 222.349
Yxy	37.6611, 0.2181, 0.2874
Android (android.graphics.Color)	4281054415 (0xFF2BB4CF)
YUV	142.1150, 31.9883, -86.9239
Hunter-Lab	61.3686, -24.2658, -19.6418

Details

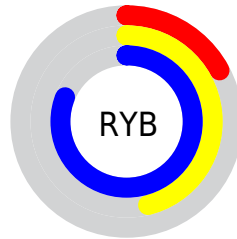
The Hex color **2BB4CF** is a dark color, and the websafe version is hex **00CCFF**. The color can be described as middle muted azure. A complement of this color would be **CF462B**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **74ECFF**, and **007F99** is the 20% darker color. If you saturate the color by 10%, you get **16B1CF**, and if you desaturate by 10%, it is **40B7CF**.

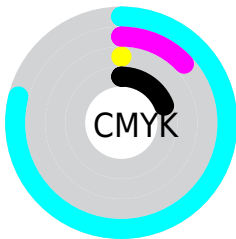
Distribution



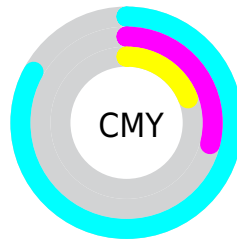
- Red (17%)
- Green (71%)
- Blue (81%)



- Red (17%)
- Yellow (46%)
- Blue (81%)



- Cyan (79%)
- Magenta (13%)
- Yellow (0%)
- Black (19%)



- Cyan (83%)
- Magenta (29%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2BB4CF 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 2BB4CF by changing the saturation by 10% instead.

 2BB4CF

 2BB4CF


FFFFFF

 0099B3

 74ECFF

 007F99

 93FFFF

 00667F

 B2FFFF

 004D66

 D1FFFF

 00364D

 EFFFFFF

 002236

 000221

 000007

 000000

■ 2BB4CF

■ 2BB4CF

■ 16B1CF

■ 40B7CF

■ 02ADCF

■ 54BBCF

■ 00ADCF

■ 69BECF

■ 7EC2CF

■ 93C5CF

■ A7C8CF

■ BCCCCF

■ D1CFCF

■ E5D3CF

Harmonies

Analogous

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



39B6B2



2BB4CF



58AEE1

Triad

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



2BB4CF



D88FB9



ADA766

Complementary

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



2BB4CF



CF462B

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.



CB9D69



2BB4CF



E48D99

Square

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



2BB4CF



BA98D4



DE927C



8AB075

Rectangle

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



2BB4CF



7CA7E4



DE927C



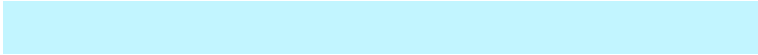
B8A465

Sweetspot

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



2BB4CF



C2F5FF



2BCF44



5B7980



000000



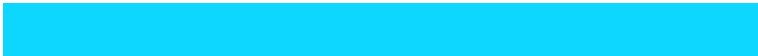
808080

Same Dimension

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



2BB4CF



0DD7FF



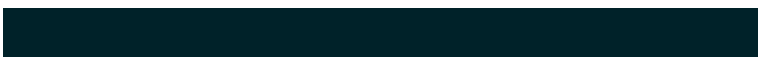
2B64CF



5E6769



008DA8



002229

Inverse Universe

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



CF2BB4



FF0DD7



CF962B



695E67



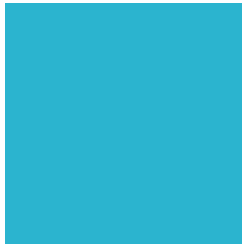
A8008D



290022

Previews

White Background



This preview shows how the Hex color 2BB4CF 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 2BB4CF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

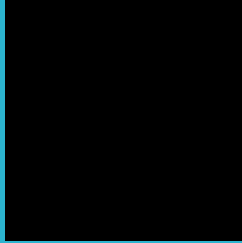
Any Text WCAG AA ✓ Pass

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 2BB4CF Background



This preview shows how black text looks on a background with the Hex color 2BB4CF.

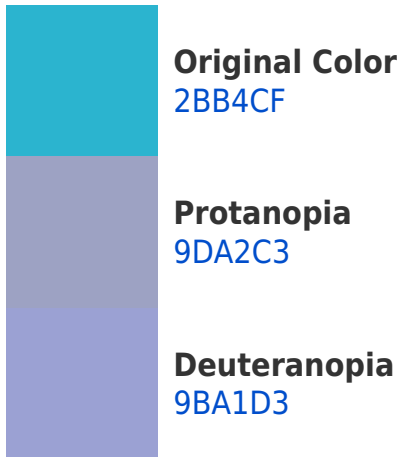


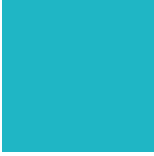
This preview shows how white text looks on a background with the Hex color 2BB4CF.

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](#).

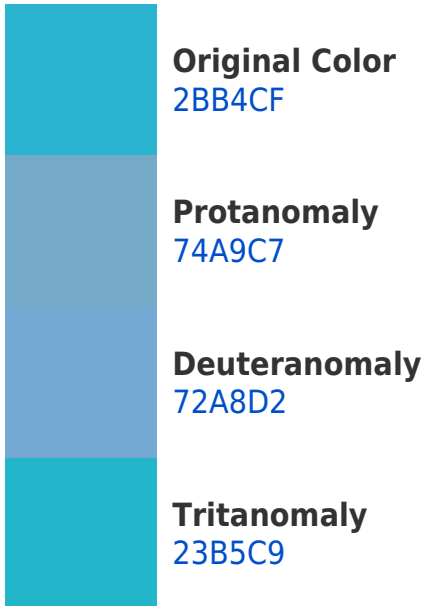
Dichromacy





Tritanopia
1FB6C5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2BB4CF 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 #2BB4CF looks like.

```
.text, #text, p{  
    color:#2BB4CF  
}
```

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 #2BB4CF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2BB4CF
}
```

Border

The CSS property to change the border of an element to Hex 2BB4CF 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
#2BB4CF }
```

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

```
.border{ border-color:#2BB4CF }
```

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

Here you see how a box with a 4 pixel #2BB4CF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2BB4CF; -webkit-box-shadow:4px 4px  
4px 4px #2BB4CF; box-shadow:4px 4px 4px  
4px #2BB4CF }
```

Background

The CSS property to change the background color of an element to Hex 2BB4CF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2BB4CF }
```

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

```
.background{ background-color:#2BB4CF }
```

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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