

Converting Colors

Hex(2BB7D4)

Have a look what the booklet for
Hex(2BB7D4) contains.

Hex(2BB7D4)	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(2BB7D4)

Conversions

Conversions Part 1

Format	Color
Hex	2BB7D4
RGB	43, 183, 212
RGB Percent	17%, 72%, 83%
CMY	0.8314, 0.2824, 0.1686
CMYK	0.80, 0.14, 0.00, 0.17
HSL	190°, 66%, 50%
HSV	190°, 80%, 83%
XYZ	29.8134, 39.1340, 68.2696
YIQ	144.4460, -92.7490, -20.6610

Conversions

Conversions Part 2

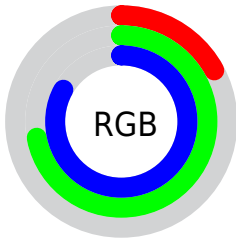
Format	Color
R_{YB}	43, 120, 212
Decimal	2865108
CIE _{Lab}	68.85, -26.00, -24.89
CIE _{LCh}	69, 35.993, 223.750
Yxy	39.1340, 0.2173, 0.2852
Android (android.graphics.Color)	4281055188 (0xFF2BB7D4)
YUV	144.4460, 33.3041, -88.9681
Hunter-Lab	62.5572, -24.4058, -20.9141

Details

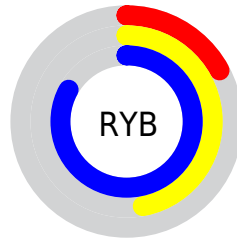
The Hex color **2BB7D4** is a dark color, and the websafe version is hex **00CCFF**. The color can be described as middle washed azure. A complement of this color would be **D4482B**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **75EFFF**, and **00829D** is the 20% darker color. If you saturate the color by 10%, you get **16B3D4**, and if you desaturate by 10%, it is **40BBD4**.

Distribution



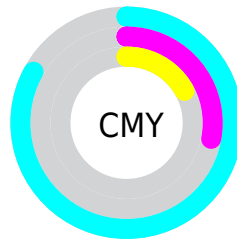
- Red (17%)
- Green (72%)
- Blue (83%)



- Red (17%)
- Yellow (47%)
- Blue (83%)



- Cyan (80%)
- Magenta (14%)
- Yellow (0%)
- Black (17%)



- Cyan (83%)
- Magenta (28%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2BB7D4 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 2BB7D4 by changing the saturation by 10% instead.

 2BB7D4

 2BB7D4

FFFFFF

 009CB8

 75EFFF

 00829D

 95FFFF

 006883

 B4FFFF

 00506A

 D2FFFF

 003852

 F1FFFF

 00243A

 000225

 00010D

 000000

 2BB7D4

 2BB7D4

 16B3D4

 40BBD4

 01B0D4

 55BED4

 00B0D4

 6BC2D4

 80C6D4

 95C9D4

 AACDD4

 BFD0D4

 D5D4D4

 EAD8D4

Harmonies

Analogous

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



37BAB6



2BB7D4



5BB0E6

Triad

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



2BB7D4



DC91BB



AFAB68

Complementary

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



2BB7D4



D4482B

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.



CDA06A



2BB7D4



E88F9A

Square

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



2BB7D4



BF9AD7



E2957C



8AB378

Rectangle

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



2BB7D4



80AAE9



E2957C



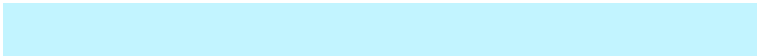
BAA766

Sweetspot

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



2BB7D4



C2F4FF



2BD447



5B7980



000000



808080

Same Dimension

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



2BB7D4



0AD5FF



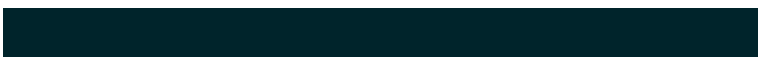
2B63D4



60696B



008EAB



00242B

Inverse Universe

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



D42BB7



FF0AD5



D49C2B



6B6069



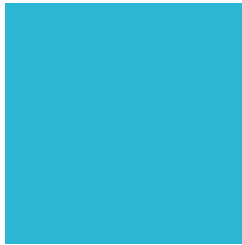
AB008E



2B0024

Previews

White Background



This preview shows how the Hex color 2BB7D4 looks on a white background.

Color Contrast Check

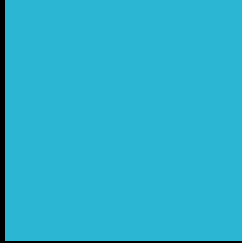
Large Text (above 18pt) WCAG AA × Fail

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 2BB7D4 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 2BB7D4 Background



This preview shows how black text looks on a background with the Hex color 2BB7D4.

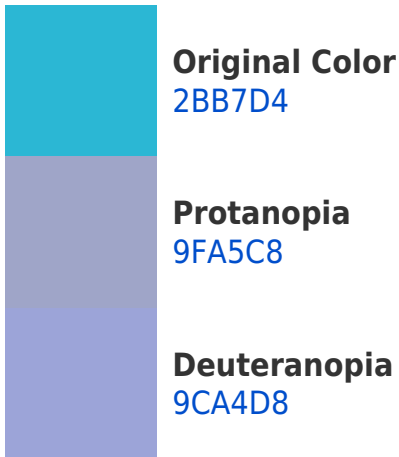


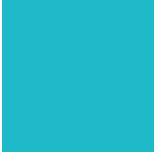
This preview shows how white text looks on a background with the Hex color 2BB7D4.

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](#).

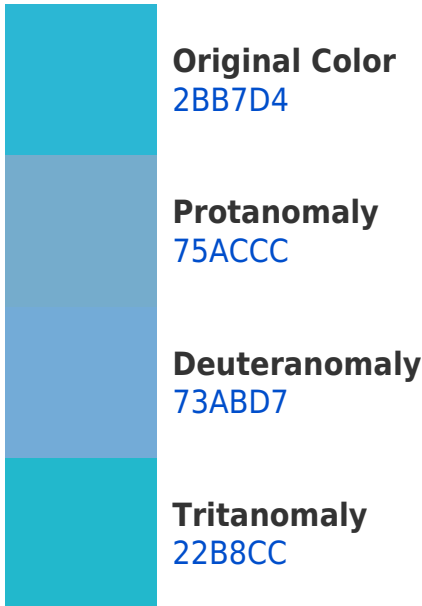
Dichromacy



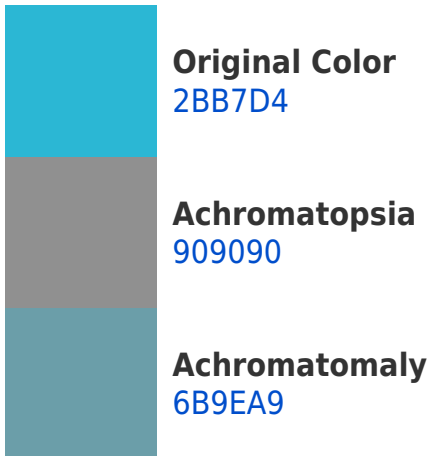


Tritanopia
1DB9C8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2BB7D4 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 #2BB7D4 looks like.

```
.text, #text, p{  
    color:#2BB7D4  
}
```

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 #2BB7D4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2BB7D4
}
```

Border

The CSS property to change the border of an element to Hex 2BB7D4 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
#2BB7D4 }
```

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

```
.border{ border-color:#2BB7D4 }
```

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

Here you see how a box with a 4 pixel #2BB7D4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2BB7D4; -webkit-box-shadow:4px 4px  
4px 4px #2BB7D4; box-shadow:4px 4px 4px  
4px #2BB7D4 }
```

Background

The CSS property to change the background color of an element to Hex 2BB7D4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2BB7D4 }
```

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

```
.background{ background-color:#2BB7D4 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor