

Converting Colors

Hex(2BCDD5)

Have a look what the booklet for
Hex(2BCDD5) contains.

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Color

Hex(2BCDD5)

Conversions

Conversions Part 1

Format	Color
Hex	2BCDD5
RGB	43, 205, 213
RGB Percent	17%, 80%, 84%
CMY	0.8314, 0.1961, 0.1647
CMYK	0.80, 0.04, 0.00, 0.16
HSL	183°, 67%, 50%
HSV	183°, 80%, 84%
XYZ	34.8378, 48.9803, 70.5688
YIQ	157.4740, -99.1200, -31.8560

Conversions

Conversions Part 2

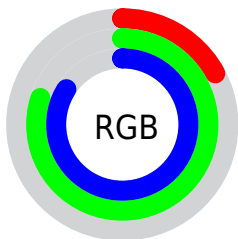
Format	Color
RYB	43, 126, 213
Decimal	2870741
CIELab	75.44, -36.31, -15.43
CIELCh	75, 39.448, 203.021
Yxy	48.9803, 0.2257, 0.3173
Android (android.graphics.Color)	4281060821 (0xFF2BCDD5)
YUV	157.4740, 27.3743, -100.3937
Hunter-Lab	69.9859, -33.6211, -10.7936




Details

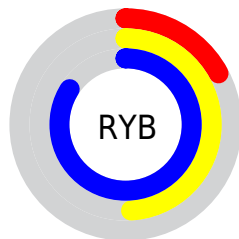
The Hex color **2BCDD5** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light washed cyan. A complement of this color would be **D5332B**, and the grayscale version is **9D9D9D**.




A 20% lighter version of the original color is **78FFFF**, and **00969E** is the 20% darker color. If you saturate the color by 10%, you get **16CCD5**, and if you desaturate by 10%, it is **40CED5**.

Distribution







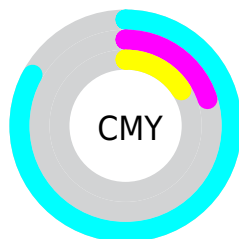
-  Red (17%)
-  Green (80%)
-  Blue (84%)






-  Red (17%)
-  Yellow (49%)
-  Blue (84%)



-  Cyan (80%)
-  Magenta (4%)
-  Yellow (0%)
-  Black (16%)



-  Cyan (83%)
-  Magenta (20%)
-  Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2BCDD5 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 2BCDD5 by changing the saturation by 10% instead.

 2BCDD5

 2BCDD5

FFFFFF

 00B1B9

 78FFFF

 00969E

 98FFFF

 007C84

 B7FFFF

 00626B

 D6FFFF

 004A53

 F5FFFF

 00323C

 001D26

 000111

 000000

■ 2BCDD5

■ 2BCDD5

■ 16CCD5

■ 40CED5

■ 00CBD5

■ 56CFD5

■ 6BD0D5

■ 80D1D5

■ 95D2D5

■ ABD3D5

■ C0D4D5

■ D5D5D5

■ EBD6D5

Harmonies

Analogous

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



5CCDB0



2BCDD5



38C9F3

Triad

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



2BCDD5



E0A7E6



DAB571

Complementary

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



2BCDD5



D5332B

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.



F4A881



2BCDD5



FB9EC4

Square

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



2BCDD5



B2B4FD



FF9F9F



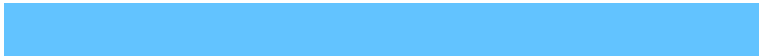
B5C076

Rectangle

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



2BCDD5



62C3FF



FF9F9F



E4B075

Sweetspot

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



2BCDD5



C2FCFF



2BD531



5B7E80



000000



808080

Same Dimension

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



2BCDD5



0AF3FF



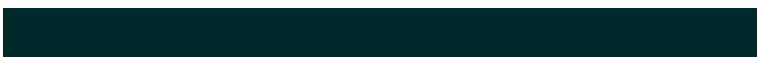
2B7AD5



606B6B



00A3AB



00292B

Inverse Universe

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



D52BCD



FF0AF3



D5862B



6B606B



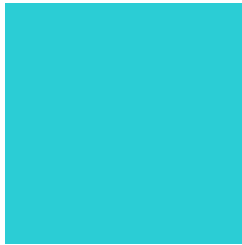
AB00A3



2B0029

Previews

White Background



This preview shows how the Hex color 2BCDD5 looks on a white background.

Color Contrast Check

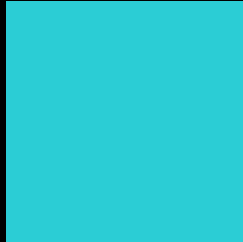
Large Text (above 18pt) WCAG AA × Fail

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 2BCDD5 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

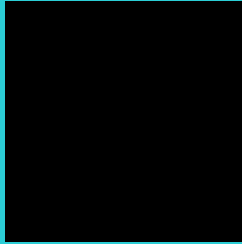
Any Text WCAG AA ✓ Pass

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 2BCDD5 Background



This preview shows how black text looks on a background with the Hex color 2BCDD5.

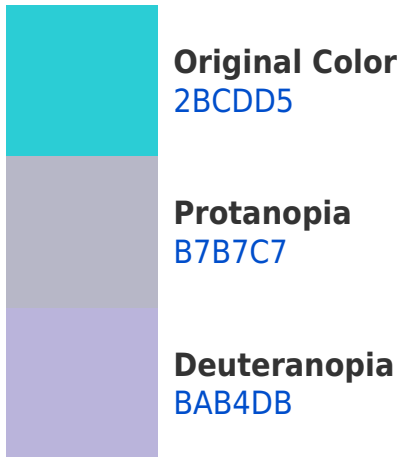


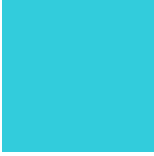
This preview shows how white text looks on a background with the Hex color 2BCDD5.

Color Blindness Simulation

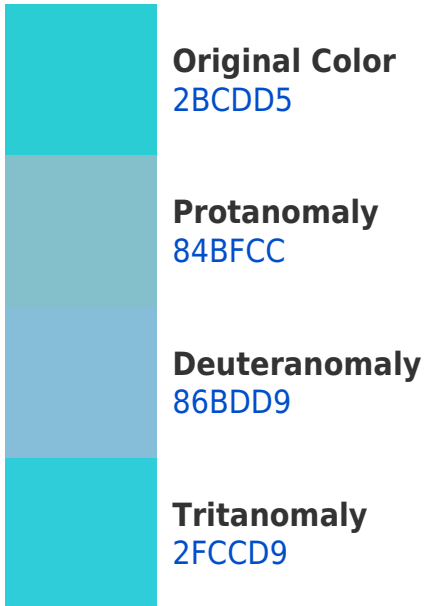
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2BCDD5 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 #2BCDD5 looks like.

```
.text, #text, p{  
    color:#2BCDD5  
}
```

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 #2BCDD5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2BCDD5  
}
```

Border

The CSS property to change the border of an element to Hex 2BCDD5 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  
#2BCDD5 }
```

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

```
.border{ border-color:#2BCDD5 }
```

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

Here you see how a box with a 4 pixel #2BCDD5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2BCDD5; -webkit-box-shadow:4px 4px  
4px 4px #2BCDD5; box-shadow:4px 4px 4px  
4px #2BCDD5 }
```

Background

The CSS property to change the background color of an element to Hex 2BCDD5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2BCDD5 }
```

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

```
.background{ background-color:#2BCDD5 }
```

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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