

Converting Colors

Hex(2BD6E0)

Have a look what the booklet for
Hex(2BD6E0) contains.

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Color

Hex(2BD6E0)

Conversions

Conversions Part 1

Format	Color
Hex	2BD6E0
RGB	43, 214, 224
RGB Percent	17%, 84%, 88%
CMY	0.8314, 0.1608, 0.1216
CMYK	0.81, 0.04, 0.00, 0.12
HSL	183°, 74%, 52%
HSV	183°, 81%, 88%
XYZ	38.4974, 53.9885, 78.9128
YIQ	164.0110, -105.1260, -33.1420

Conversions

Conversions Part 2

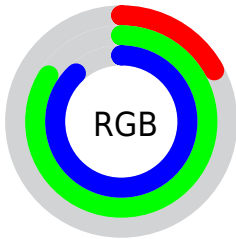
Format	Color
R _Y B	43, 131, 224
Decimal	2873056
CIE Lab	78.46, -37.19, -16.80
CIE LCh	78, 40.808, 204.304
Yxy	53.9885, 0.2246, 0.3150
Android (android.graphics.Color)	4281063136 (0xFF2BD6E0)
YUV	164.0110, 29.5746, -106.1266
Hunter-Lab	73.4769, -35.0616, -12.2425

Details

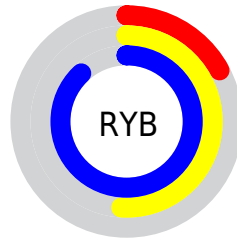
The Hex color **2BD6E0** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light washed cyan. A complement of this color would be **E0352B**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **7AFFFF**, and **009FA9** is the 20% darker color. If you saturate the color by 10%, you get **15D5E0**, and if you desaturate by 10%, it is **41D7E0**.

Distribution



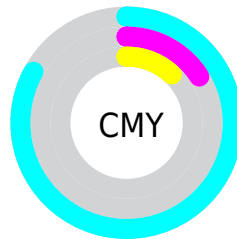
- Red (17%)
- Green (84%)
- Blue (88%)



- Red (17%)
- Yellow (51%)
- Blue (88%)



- Cyan (81%)
- Magenta (4%)
- Yellow (0%)
- Black (12%)



- Cyan (83%)
- Magenta (16%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2BD6E0 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 2BD6E0 by changing the saturation by 10% instead.

 2BD6E0

 2BD6E0

FFFFFF

 00BAC4

 7AFFFF

 009FA9

 9BFFFF

 00848E

 BBFFFF

 006A75

 DAFFFF

 00515C

 F9FFFF

 003945

 00252E

 00011A

 000000

■ 2BD6E0

■ 2BD6E0

■ 15D5E0

■ 41D7E0

■ 00D4E0

■ 58D8E0

■ 6EDAE0

■ 85DBE0

■ 9BDCE0

■ B1DDE0

■ C8DFE0

■ DEE0E0

■ F5E1E0

Harmonies

Analogous

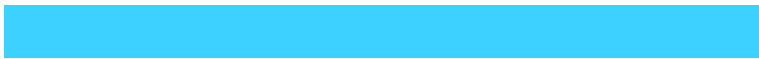
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



5ED6B9



2BD6E0



3DD1FF

Triad

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



2BD6E0



EBAEEF



E2BD76

Complementary

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



2BD6E0



E0352B

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.



FEB086



2BD6E0



FFA5CB

Square

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



2BD6E0



BCBBFF



FFA7A5



BCC97C

Rectangle

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



2BD6E0



69CCFF



FFA7A5



EDB979

Sweetspot

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



2BD6E0



C2FCFF



2BE034



5B7D80



000000



808080

Same Dimension

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



2BD6E0



08F1FF



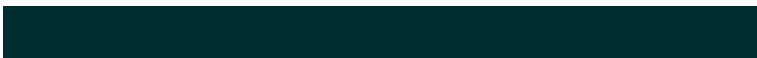
2B7CE0



657070



00A6B0



002E30

Inverse Universe

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



E02BD6



FF08F1



E08F2B



706570



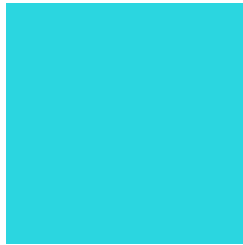
B000A6



30002E

Previews

White Background



This preview shows how the Hex color 2BD6E0 looks on a white background.

Color Contrast Check

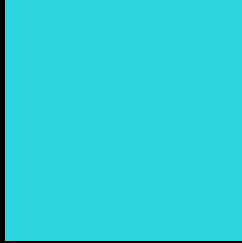
Large Text (above 18pt) WCAG AA × Fail

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 2BD6E0 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

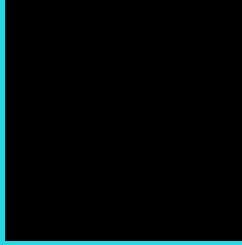
Any Text WCAG AA ✓ Pass

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 2BD6E0 Background



This preview shows how black text looks on a background with the Hex color 2BD6E0.

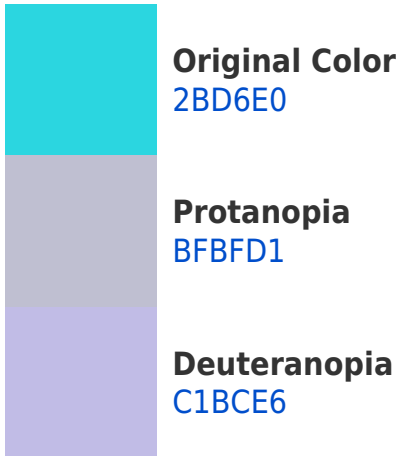


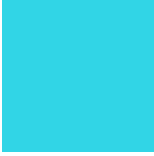
This preview shows how white text looks on a background with the Hex color 2BD6E0.

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
31D5E6

Trichromacy



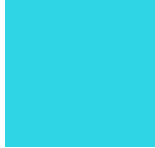
Original Color
2BD6E0



Protanomaly
89C7D6



Deuteranomaly
8AC5E4



Tritanomaly
2FD5E4

Monochromacy



Original Color
2BD6E0



Achromatopsia
A4A4A4



Achromatomaly
78B6BA

CSS Examples

Text

The CSS property to change the color of the text to Hex 2BD6E0 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 #2BD6E0 looks like.

```
.text, #text, p{  
    color:#2BD6E0  
}
```

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 #2BD6E0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2BD6E0
}
```

Border

The CSS property to change the border of an element to Hex 2BD6E0 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
#2BD6E0 }
```

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

```
.border{ border-color:#2BD6E0 }
```

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

Here you see how a box with a 4 pixel #2BD6E0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2BD6E0; -webkit-box-shadow:4px 4px  
4px 4px #2BD6E0; box-shadow:4px 4px 4px  
4px #2BD6E0 }
```

Background

The CSS property to change the background color of an element to Hex 2BD6E0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2BD6E0 }
```

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

```
.background{ background-color:#2BD6E0 }
```

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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