

Converting Colors

Hex(1BD9E5)

Have a look what the booklet for
Hex(1BD9E5) contains.

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Color

Hex(1BD9E5)

Conversions

Conversions Part 1

Format	Color
Hex	1BD9E5
RGB	27, 217, 229
RGB Percent	11%, 85%, 90%
CMY	0.8941, 0.1490, 0.1020
CMYK	0.88, 0.05, 0.00, 0.10
HSL	184°, 80%, 50%
HSV	184°, 88%, 90%
XYZ	39.4077, 55.5159, 82.7674
YIQ	161.5580, -117.0920, -36.5480

Conversions

Conversions Part 2

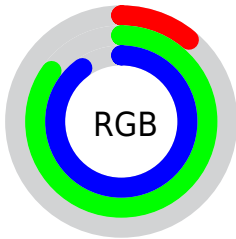
Format	Color
RYB	27, 125, 229
Decimal	1825253
CIELab	79.34, -38.10, -18.15
CIELCh	79, 42.205, 205.475
Yxy	55.5159, 0.2218, 0.3124
Android (android.graphics.Color)	4280015333 (0xFF1BD9E5)
YUV	161.5580, 33.2489, -118.0074
Hunter-Lab	74.5090, -35.9823, -13.7053

Details

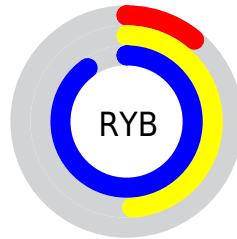
The Hex color **1BD9E5** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light washed cyan. A complement of this color would be **E5271B**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **75FFFF**, and **00A1AE** is the 20% darker color. If you saturate the color by 10%, you get **04D8E5**, and if you desaturate by 10%, it is **32DAE5**.

Distribution



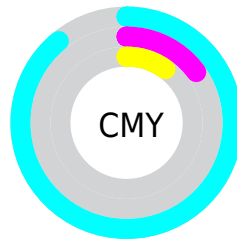
- Red (11%)
- Green (85%)
- Blue (90%)



- Red (11%)
- Yellow (49%)
- Blue (90%)



- Cyan (88%)
- Magenta (5%)
- Yellow (0%)
- Black (10%)



- Cyan (89%)
- Magenta (15%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1BD9E5 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 1BD9E5 by changing the saturation by 10% instead.

 1BD9E5

 1BD9E5

FFFFFF

 00BDC9

 75FFFF

 00A1AE

 97FFFF

 008793

 B7FFFF

 006D79

 D7FFFF

 005460

 F6FFFF

 003C49

 002732

 00021E

 000000

 1BD9E5

 1BD9E5

 04D8E5

 32DAE5

 00D7E5

 49DCE5

 60DDE5

 77DEE5

 8DE0E5

 A4E1E5

 BBE3E5

 D2E4E5

 E9E5E5

Harmonies

Analogous

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



59D9BD



1BD9E5



38D4FF

Triad

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



1BD9E5



F0AFF2



E4C076

Complementary

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



1BD9E5



E5271B

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.



FFB285



1BD9E5



FFA6CC

Square

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



1BD9E5



C0BDFE



FFA8A5



BCCC7C

Rectangle

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



1BD9E5



69CEFF



FFA8A5



EFBC79

Sweetspot

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



1BD9E5



BDFBFF



1BE525



587D80



000000



808080

Same Dimension

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



1BD9E5



00F0FF



1B76E5



677273



00A8B3



003033

Inverse Universe

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



E51BD9



FF00F0



E58A1B



736772



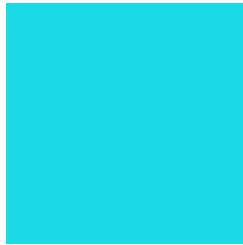
B300A8



330030

Previews

White Background



This preview shows how the Hex color 1BD9E5 looks on a white background.

Color Contrast Check

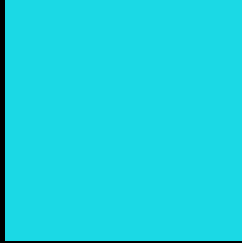
Large Text (above 18pt) WCAG AA × Fail

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 1BD9E5 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

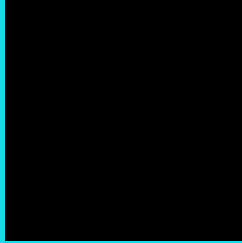
Any Text WCAG AA ✓ Pass

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 1BD9E5 Background



This preview shows how black text looks on a background with the Hex color 1BD9E5.

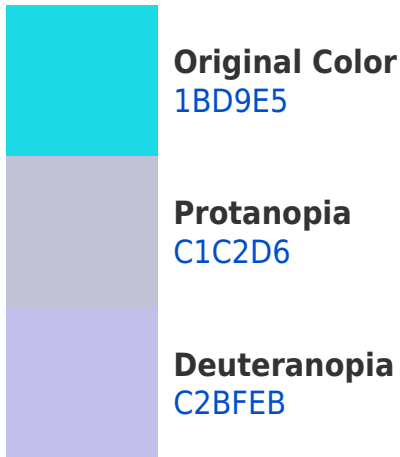


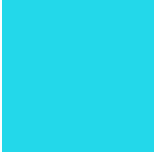
This preview shows how white text looks on a background with the Hex color 1BD9E5.

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](#).

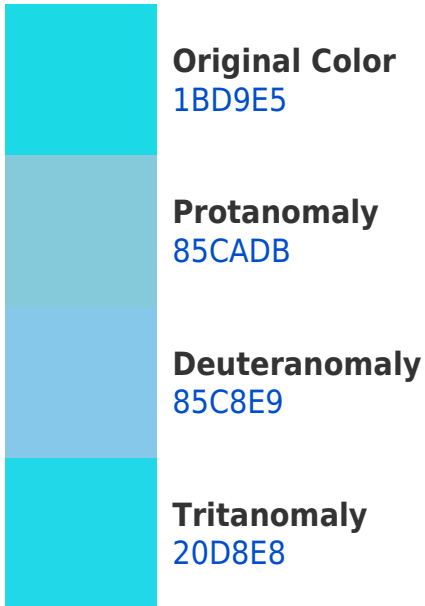
Dichromacy



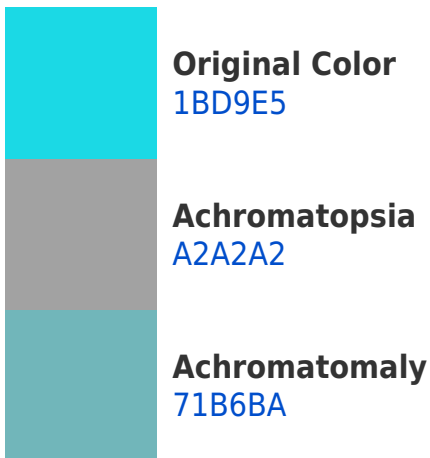


Tritanopia
23D8EA

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 1BD9E5 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 #1BD9E5 looks like.

```
.text, #text, p{  
    color:#1BD9E5  
}
```

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 #1BD9E5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1BD9E5
}
```

Border

The CSS property to change the border of an element to Hex 1BD9E5 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
#1BD9E5 }
```

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

```
.border{ border-color:#1BD9E5 }
```

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

Here you see how a box with a 4 pixel #1BD9E5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1BD9E5; -webkit-box-shadow:4px 4px  
4px 4px #1BD9E5; box-shadow:4px 4px 4px  
4px #1BD9E5 }
```

Background

The CSS property to change the background color of an element to Hex 1BD9E5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1BD9E5 }
```

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

```
.background{ background-color:#1BD9E5 }
```

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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