

# Converting Colors

Hex(1BE4D4)

Have a look what the booklet for  
Hex(1BE4D4) contains.

<b>Hex(1BE4D4)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

Hex(1BE4D4)

# Conversions

## Conversions Part 1

Format	Color
Hex	1BE4D4
RGB	27, 228, 212
RGB Percent	11%, 89%, 83%
CMY	0.8941, 0.1059, 0.1686
CMYK	0.88, 0.00, 0.07, 0.11
HSL	175°, 79%, 50%
HSV	175°, 88%, 89%
XYZ	40.0791, 60.4733, 71.8475
YIQ	166.0770, -114.6600, -47.5880

# Conversions

## Conversions Part 2

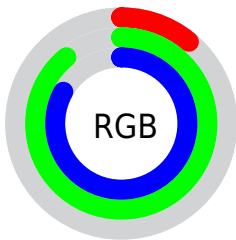
Format	Color
R <sub>Y</sub> B	27, 132, 228
Decimal	1828052
CIE Lab	82.09, -47.88, -4.99
CIE LCh	82, 48.141, 185.950
Yxy	60.4733, 0.2325, 0.3508
Android (android.graphics.Color)	4280018132 (0xFF1BE4D4)
YUV	166.0770, 22.6400, -121.9705
Hunter-Lab	77.7646, -44.0909, -0.3434

# Details

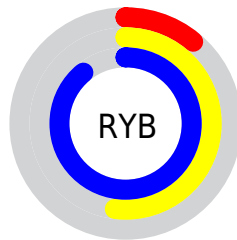
The Hex color **1BE4D4** is a light color, and the websafe version is hex **00CCCC**. The color can be described as light washed cyan. A complement of this color would be **E41B2B**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **75FFFF**, and **00AC9E** is the 20% darker color. If you saturate the color by 10%, you get **04E4D2**, and if you desaturate by 10%, it is **32E4D6**.

# Distribution



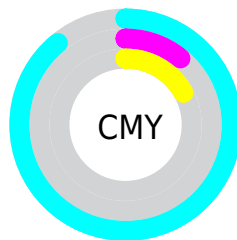
- Red (11%)
- Green (89%)
- Blue (83%)



- Red (11%)
- Yellow (52%)
- Blue (89%)



- Cyan (88%)
- Magenta (0%)
- Yellow (7%)
- Black (11%)



- Cyan (89%)
- Magenta (11%)
- Yellow (17%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1BE4D4 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 1BE4D4 by changing the saturation by 10% instead.



 1BE4D4

 1BE4D4

FFFFFF

 00C7B8

 75FFFF

 00AC9E

 97FFFF

 009083

 B7FFFF

 00766A


 D7FFFF

 005C52

 F6FFFF

 00433B

 002D26

 000F12

 000000

■ 1BE4D4

■ 1BE4D4

■ 04E4D2

■ 32E4D6

■ 00E4D2

■ 49E4D8

■ 5FE4D9

■ 76E4DB

■ 8DE4DD

■ A4E4DF

■ BBE4E1

■ D1E4E3

■ E8E4E4

# Harmonies

## Analogous

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



77E1A6



1BE4D4



00E2FF

# Triad

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



1BE4D4



DDBDFF



FFBD7A

# Complementary

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



1BE4D4



E41B2B

# 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.



FFAE99



1BE4D4



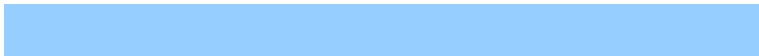
FFAEF2

# Square

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



1BE4D4



96CEFF



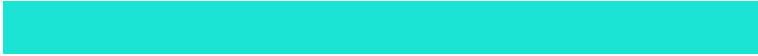
FFA8C5



E0CC71

# Rectangle

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



1BE4D4



00DEFF



FFA8C5



FFB783



# Sweetspot

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



1BE4D4



BDFFFA



2CE41B



58807C



000000



808080



# Same Dimension

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



1BE4D4



00FFEB



1B90E4



677372



00B3A4



00332F



# Inverse Universe

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



E41B2B



FF0014



E46F1B



736768



B3000E

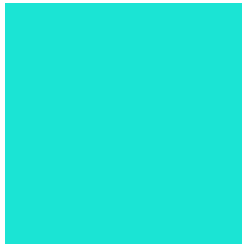


330004



# Previews

## White Background



This preview shows how the Hex color 1BE4D4 looks on a white background.

## Color Contrast Check

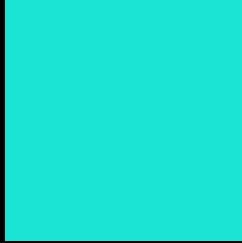
Large Text (above 18pt) WCAG AA × Fail

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 1BE4D4 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

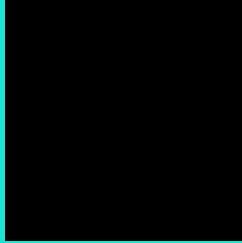
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

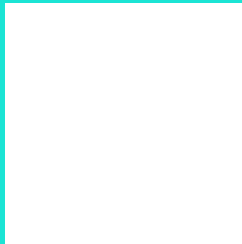
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 1BE4D4 Background



This preview shows how black text looks on a background with the Hex color 1BE4D4.

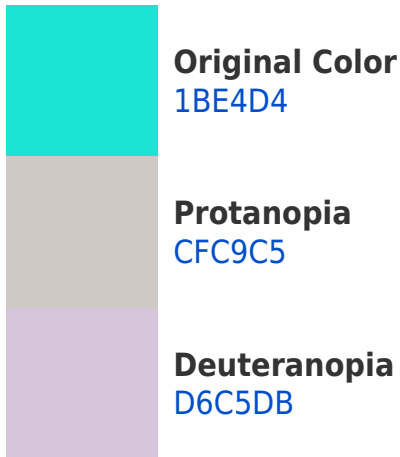


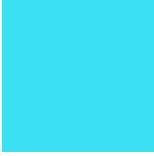
This preview shows how white text looks on a background with the Hex color 1BE4D4.

# 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**  
3BE0F2

# Trichromacy



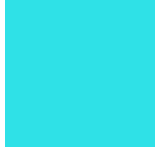
**Original Color**  
1BE4D4



**Protanomaly**  
8ED3CA



**Deuteranomaly**  
92D0D8

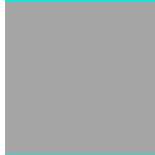


**Tritanomaly**  
2FE1E7

# Monochromacy



**Original Color**  
1BE4D4



**Achromatopsia**  
A6A6A6



**Achromatomaly**  
73BDB7

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1BE4D4 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 #1BE4D4 looks like.

```
.text, #text, p{  
    color:#1BE4D4  
}
```

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 #1BE4D4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1BE4D4
}
```

## Border

The CSS property to change the border of an element to Hex 1BE4D4 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
#1BE4D4 }
```

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

```
.border{ border-color:#1BE4D4 }
```

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

Here you see how a box with a 4 pixel #1BE4D4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1BE4D4; -webkit-box-shadow:4px 4px  
4px 4px #1BE4D4; box-shadow:4px 4px 4px  
4px #1BE4D4 }
```

# Background

The CSS property to change the background color of an element to Hex 1BE4D4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1BE4D4 }
```

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

```
.background{ background-color:#1BE4D4 }
```

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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