

Converting Colors

Hex(1BE6B3)

Have a look what the booklet for
Hex(1BE6B3) contains.

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Color

Hex(1BE6B3)

Conversions

Conversions Part 1

Format	Color
Hex	1BE6B3
RGB	27, 230, 179
RGB Percent	11%, 90%, 70%
CMY	0.8941, 0.0980, 0.2980
CMYK	0.88, 0.00, 0.22, 0.10
HSL	165°, 80%, 50%
HSV	165°, 88%, 90%
XYZ	36.8855, 60.0813, 52.3006
YIQ	163.4890, -104.6170, -58.8970

Conversions

Conversions Part 2

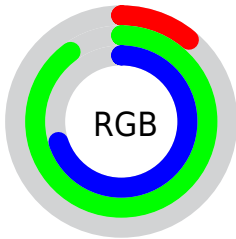
Format	Color
RYB	27, 143, 230
Decimal	1828531
CIELab	81.88, -57.20, 12.13
CIELCh	82, 58.473, 168.026
Yxy	60.0813, 0.2471, 0.4025
Android (android.graphics.Color)	4280018611 (0xFF1BE6B3)
YUV	163.4890, 7.6469, -119.7009
Hunter-Lab	77.5121, -50.7039, 14.2531

Details

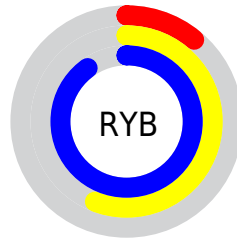
The Hex color **1BE6B3** is a dark color, and the websafe version is hex **33FFCC**. The color can be described as middle washed spring green. A complement of this color would be **E61B4E**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **73FFEB**, and **00AD7E** is the 20% darker color. If you saturate the color by 10%, you get **04E6AD**, and if you desaturate by 10%, it is **32E6B9**.

Distribution



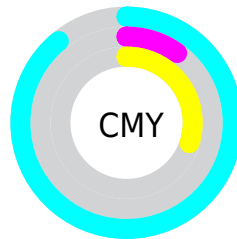
- Red (11%)
- Green (90%)
- Blue (70%)



- Red (11%)
- Yellow (56%)
- Blue (90%)



- Cyan (88%)
- Magenta (0%)
- Yellow (22%)
- Black (10%)



- Cyan (89%)
- Magenta (10%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1BE6B3 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 1BE6B3 by changing the saturation by 10% instead.

 1BE6B3

 1BE6B3


FFFFFF

 00C998

 73FFEB

 00AD7E

 94FFFF

 009265

 B4FFFF

 00774D

 D4FFFF

 005D36

 F3FFFF

 004421

 002D0B

 000D00

 000000

 1BE6B3

 1BE6B3

 04E6AD

 32E6B9

 00E6AC

 49E6BF

 60E6C4

 77E6CA

 8EE6D0

 A5E6D6

 BCE6DB

 D3E6E1

 EAE6E7

Harmonies

Analogous

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



8CDF7F



1BE6B3



00E7EC

Triad

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



1BE6B3



ABC6FF



FFAD7C

Complementary

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



1BE6B3



E61B4E

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.



FF9EAD



1BE6B3



F9B0FF

Square

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



1BE6B3



00D8FF



FFA0E4



FFC15E

Rectangle

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



1BE6B3



00E5FF



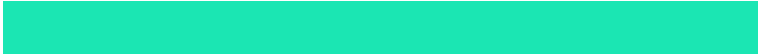
FFA0E4



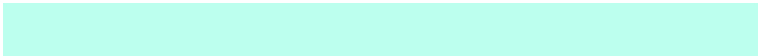
FFA78B

Sweetspot

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



1BE6B3



BDFEE



51E61B



588076



000000



808080

Same Dimension

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



1BE6B3



00FFBF



1BB7E6



677370



00B386



003326

Inverse Universe

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



E61B4E



FF0040



E64A1B



73676A



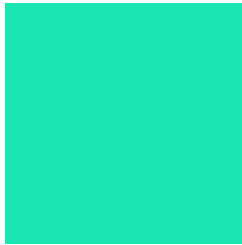
B3002D



33000D

Previews

White Background



This preview shows how the Hex color 1BE6B3 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 1BE6B3 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

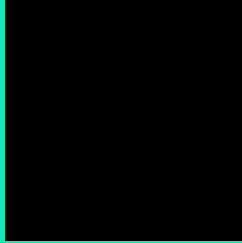
Any Text WCAG AA ✓ Pass

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 1BE6B3 Background



This preview shows how black text looks on a background with the Hex color 1BE6B3.

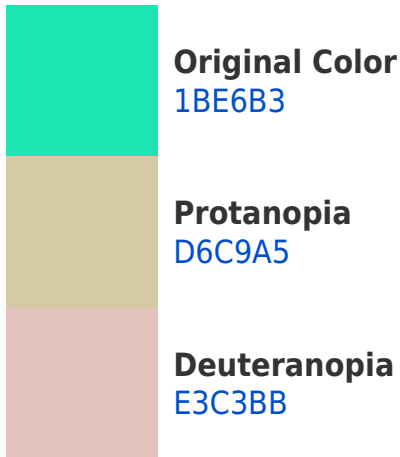


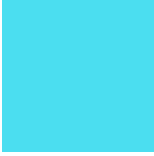
This preview shows how white text looks on a background with the Hex color 1BE6B3.

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



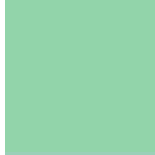


Tritanopia
4BDEF0

Trichromacy



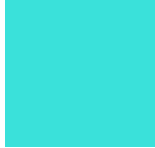
Original Color
1BE6B3



Protanomaly
92D4AA



Deuteranomaly
9AD0B8

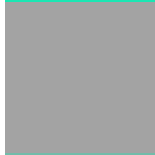


Tritanomaly
3AE1DA

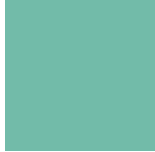
Monochromacy



Original Color
1BE6B3



Achromatopsia
A3A3A3



Achromatomaly
72BBA9

CSS Examples

Text

The CSS property to change the color of the text to Hex 1BE6B3 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 #1BE6B3 looks like.

```
.text, #text, p{  
    color:#1BE6B3  
}
```

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 #1BE6B3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1BE6B3
}
```

Border

The CSS property to change the border of an element to Hex 1BE6B3 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
#1BE6B3 }
```

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

```
.border{ border-color:#1BE6B3 }
```

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

Here you see how a box with a 4 pixel #1BE6B3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1BE6B3; -webkit-box-shadow:4px 4px  
4px 4px #1BE6B3; box-shadow:4px 4px 4px  
4px #1BE6B3 }
```

Background

The CSS property to change the background color of an element to Hex 1BE6B3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1BE6B3 }
```

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

```
.background{ background-color:#1BE6B3 }
```

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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