

Converting Colors

Hex(1BE490)

Have a look what the booklet for
Hex(1BE490) contains.

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Color

Hex(1BE490)

Conversions

Conversions Part 1

Format	Color
Hex	1BE490
RGB	27, 228, 144
RGB Percent	11%, 89%, 56%
CMY	0.8941, 0.1059, 0.4353
CMYK	0.88, 0.00, 0.37, 0.11
HSL	155°, 79%, 50%
HSV	155°, 88%, 89%
XYZ	33.2294, 57.7334, 35.7779
YIQ	158.3250, -92.8320, -68.7360

Conversions

Conversions Part 2

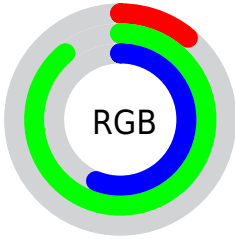
Format	Color
RYB	27, 154, 228
Decimal	1827984
CIELab	80.59, -64.10, 28.52
CIELCh	81, 70.163, 156.013
Yxy	57.7334, 0.2622, 0.4555
Android (android.graphics.Color)	4280018064 (0xFF1BE490)
YUV	158.3250, -7.0622, -115.1720
Hunter-Lab	75.9825, -54.9060, 25.2699

Details

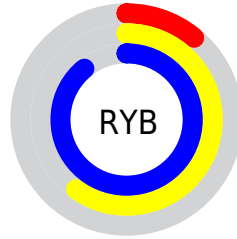
The Hex color **1BE490** is a dark color, and the websafe version is hex **33FF99**. The color can be described as middle washed spring green. A complement of this color would be **E41B6F**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **72FFC6**, and **00AB5D** is the 20% darker color. If you saturate the color by 10%, you get **04E486**, and if you desaturate by 10%, it is **32E49A**.

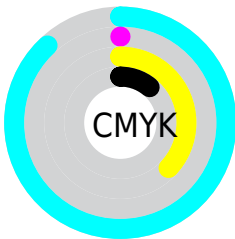
Distribution



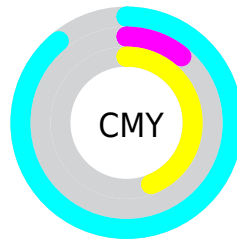
- Red (11%)
- Green (89%)
- Blue (56%)



- Red (11%)
- Yellow (60%)
- Blue (89%)



- Cyan (88%)
- Magenta (0%)
- Yellow (37%)
- Black (11%)



- Cyan (89%)
- Magenta (11%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1BE490 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 1BE490 by changing the saturation by 10% instead.

 1BE490

 1BE490

FFFFFF

 00C776

 72FFC6

 00AB5D

 93FFE3

 009044

 B2FFFF

 00752D

 D2FFFF

 005B16

 F1FFFF

 004100

 002900

 000400

 000000

 1BE490

 1BE490

 04E486

 32E49A

 00E485

 49E4A3

 5FE4AD

 76E4B6

 8DE4C0

 A4E4C9

 BBE4D3

 D1E4DC

 E8E4E6

Harmonies

Analogous

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



9ADA57



1BE490



00E8D4

Triad

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



1BE490



55CBFF



FF987E

Complementary

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



1BE490



E41B6F

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.



FF8BBD



1BE490



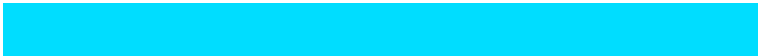
DCB1FF

Square

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



1BE490



00DDFF



FF97FF



FFB14D

Rectangle

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



1BE490



00E7FF



FF97FF



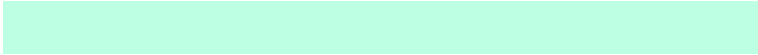
FF9292

Sweetspot

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



1BE490



BDFFE3



72E41B



58806F



000000



808080

Same Dimension

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



1BE490



00FF94



1BD7E4



67736E



00B368



00331E

Inverse Universe

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



E41B6F



FF006B



E4281B



73676C



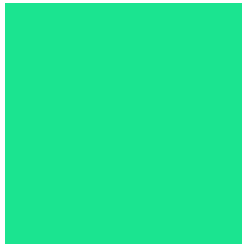
B3004B



330015

Previews

White Background



This preview shows how the Hex color 1BE490 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 1BE490 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

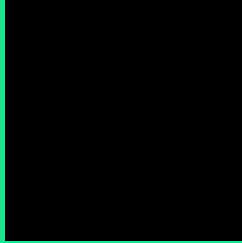
Any Text WCAG AA ✓ Pass

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 1BE490 Background



This preview shows how black text looks on a background with the Hex color 1BE490.

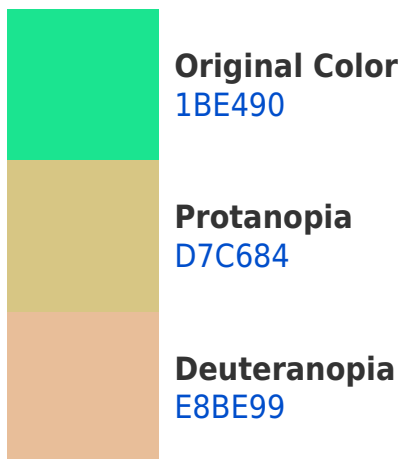


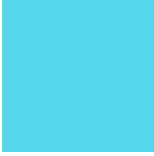
This preview shows how white text looks on a background with the Hex color 1BE490.

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](#).

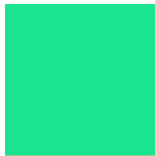
Dichromacy





Tritanopia
54D9EB

Trichromacy



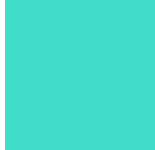
Original Color
1BE490



Protanomaly
93D188



Deuteranomaly
9DCC96



Tritanomaly
3FDDCA

Monochromacy



Original Color
1BE490



Achromatopsia
9E9E9E



Achromatomaly
6EB799

CSS Examples

Text

The CSS property to change the color of the text to Hex 1BE490 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 #1BE490 looks like.

```
.text, #text, p{  
    color:#1BE490  
}
```

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 #1BE490 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1BE490
}
```

Border

The CSS property to change the border of an element to Hex 1BE490 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
#1BE490 }
```

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

```
.border{ border-color:#1BE490 }
```

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

Here you see how a box with a 4 pixel #1BE490 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1BE490; -webkit-box-shadow:4px 4px  
4px 4px #1BE490; box-shadow:4px 4px 4px  
4px #1BE490 }
```

Background

The CSS property to change the background color of an element to Hex 1BE490 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1BE490 }
```

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

```
.background{ background-color:#1BE490 }
```

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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