

Converting Colors

Hex(14B990)

Have a look what the booklet for
Hex(14B990) contains.

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Color

Hex(14B990)

Conversions

Conversions Part 1

| Format | Color |
|---------------|------------------------------|
| Hex | 14B990 |
| RGB | 20, 185, 144 |
| RGB Percent | 8%, 73%, 56% |
| CMY | 0.9216, 0.2745, 0.4353 |
| CMYK | 0.89, 0.00, 0.22, 0.27 |
| HSL | 165°, 80%, 40% |
| HSV | 165°, 89%, 73% |
| XYZ | 22.6715, 36.8603, 32.3054 |
| YIQ | 130.9910, -85.1790, -47.7310 |

Conversions

Conversions Part 2

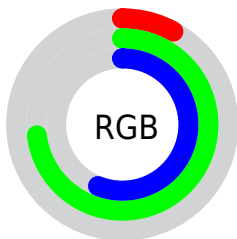
| Format | Color |
|-------------------------------------|--|
| RYB | 20, 114, 185 |
| Decimal | 1358224 |
| CIELab | 67.17, -48.41, 10.01 |
| CIELCh | 67, 49.436, 168.322 |
| Yxy | 36.8603, 0.2469, 0.4014 |
| Android (android.graphics.Color) | 4279548304 (0xFF14B990) |
| YUV | 130.9910, 6.4134, -97.3391 |
| Hunter-Lab | 60.7127, -39.5912, 10.9505 |

Details

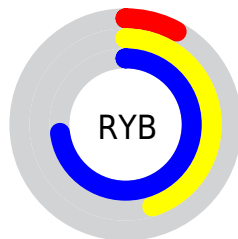
The Hex color **14B990** is a dark color, and the websafe version is hex **33CC99**. A complement of this color would be **B9143D**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **65F2C6**, and **00835E** is the 20% darker color. If you saturate the color by 10%, you get **02B98B**, and if you desaturate by 10%, it is **27B995**.

Distribution



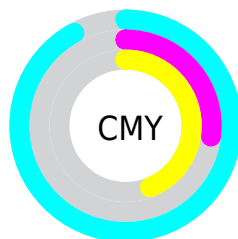
- Red (8%)
- Green (73%)
- Blue (56%)



- Red (8%)
- Yellow (45%)
- Blue (73%)



- Cyan (89%)
- Magenta (0%)
- Yellow (22%)
- Black (27%)



- Cyan (92%)
- Magenta (27%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 14B990 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 14B990 by changing the saturation by 10% instead.

 14B990

 14B990

FFFFFF

 009D76

 65F2C6

 00835E

 84FFE2

 006946

 A3FFFE

 004F30

 C1FFFF

 00371B

 DFFFFFF

 002100

FEFFFF

 000000

 14B990

 14B990

 02B98B

 27B995

 00B98B

 39B999

 4CB99E

 5EB9A2

 71B9A7

 83B9AC

 96B9B0

 A8B9B5

 BBB9B9

Harmonies

Analogous

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



70B466



14B990



00BABE

Triad

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



14B990



8A9FF8



EB8B63

Complementary

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



14B990



B9143D

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.



F77F8A



14B990



C98DDF

Square

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



14B990



00ADFA



ED80B7



CD9B4A

Rectangle

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



14B990



00B8D9



ED80B7



F1866F

Sweetspot

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



14B990



AFF0E0



3DB914



51786E



F7F7F7



787878

Same Dimension

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



14B990



00F0B4



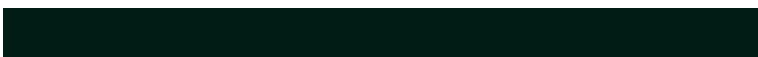
1490B9



535C5A



009C75



001C15

Inverse Universe

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



B9143D



F0003C



B93D14



5C5355



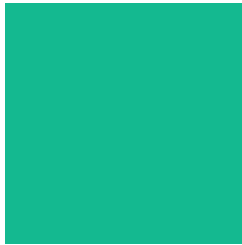
9C0027



1C0007

Previews

White Background



This preview shows how the Hex color 14B990 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 14B990 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

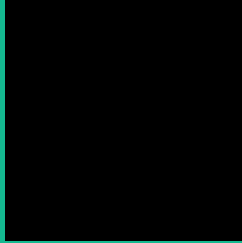
Any Text WCAG AA ✓ Pass

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 14B990 Background



This preview shows how black text looks on a background with the Hex color 14B990.

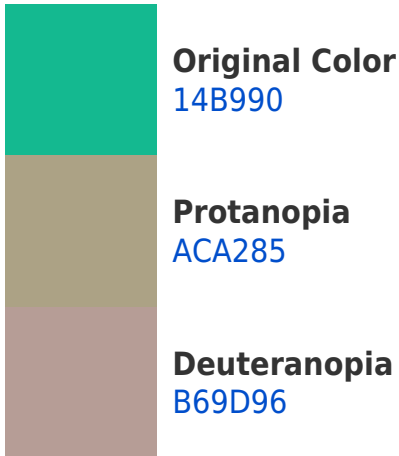


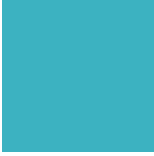
This preview shows how white text looks on a background with the Hex color 14B990.

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
3CB2C1

Trichromacy



Original Color
14B990



Protanomaly
75AA89



Deuteranomaly
7BA794



Tritanomaly
2DB5AF

Monochromacy



Original Color
14B990



Achromatopsia
838383



Achromatomaly
5B9788

CSS Examples

Text

The CSS property to change the color of the text to Hex 14B990 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 #14B990 looks like.

```
.text, #text, p{  
    color:#14B990  
}
```

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 #14B990 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #14B990
}
```

Border

The CSS property to change the border of an element to Hex 14B990 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
#14B990 }
```

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

```
.border{ border-color:#14B990 }
```

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

Here you see how a box with a 4 pixel #14B990 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #14B990; -webkit-box-shadow:4px 4px  
4px 4px #14B990; box-shadow:4px 4px 4px  
4px #14B990 }
```

Background

The CSS property to change the background color of an element to Hex 14B990 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#14B990 }
```

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

```
.background{ background-color:#14B990 }
```

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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