

Converting Colors

Hex(14E1BB)

Have a look what the booklet for
Hex(14E1BB) contains.

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Color

Hex(14E1BB)

Conversions

Conversions Part 1

Format	Color
Hex	14E1BB
RGB	20, 225, 187
RGB Percent	8%, 88%, 73%
CMY	0.9216, 0.1176, 0.2667
CMYK	0.91, 0.00, 0.17, 0.12
HSL	169°, 84%, 48%
HSV	169°, 91%, 88%
XYZ	36.1833, 57.5870, 56.2221
YIQ	159.3730, -109.9820, -55.2780

Conversions

Conversions Part 2

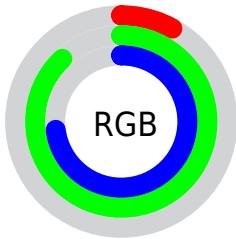
Format	Color
R_{YB}	20, 133, 225
Decimal	1368507
CIE _{Lab}	80.51, -53.61, 5.94
CIE _{LCh}	81, 53.937, 173.675
Yxy	57.5870, 0.2412, 0.3839
Android (android.graphics.Color)	4279558587 (0xFF14E1BB)
YUV	159.3730, 13.6201, -122.2301
Hunter-Lab	75.8861, -47.6899, 9.1938

Details

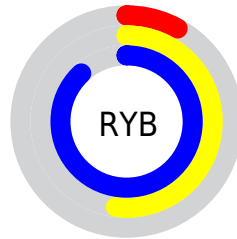
The Hex color **14E1BB** is a dark color, and the websafe version is hex **00CC99**. The color can be described as middle washed spring green. A complement of this color would be **E1143A**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **71FFF3**, and **00A986** is the 20% darker color. If you saturate the color by 10%, you get **00E1B7**, and if you desaturate by 10%, it is **2BE1BF**.

Distribution



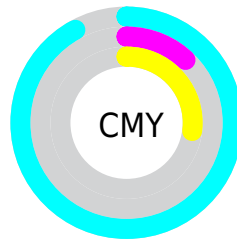
- Red (8%)
- Green (88%)
- Blue (73%)



- Red (8%)
- Yellow (52%)
- Blue (88%)



- Cyan (91%)
- Magenta (0%)
- Yellow (17%)
- Black (12%)



- Cyan (92%)
- Magenta (12%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color 14E1BB 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 14E1BB by changing the saturation by 10% instead.

 14E1BB

 14E1BB

FFFFFF

 00C4A0

 71FFF3

 00A986

 92FFFF

 008D6D

 B2FFFF

 007354

 D1FFFF

 00593D

 F1FFFF

 004028

 002A13

 000300

 000000

■ 14E1BB

■ 14E1BB

■ 00E1B7

■ 2BE1BF

■ 41E1C3

■ 57E1C8

■ 6EE1CC

■ 84E1D0

■ 9BE1D4

■ B2E1D8

■ C8E1DC

■ DEE1E1

Harmonies

Analogous

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



82DC8A



14E1BB



00E1EF

Triad

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



14E1BB



BBBFFF



FFAF78

Complementary

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



14E1BB



E1143A

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.



FFA1A2



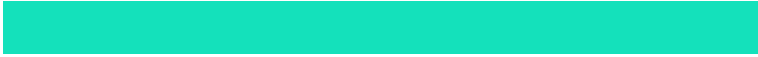
14E1BB



FCABFF

Square

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



14E1BB



55D0FF



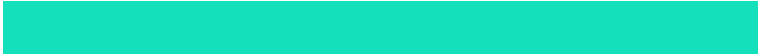
FF9FD5



F0C161

Rectangle

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



14E1BB



00DEFF



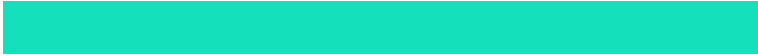
FF9FD5



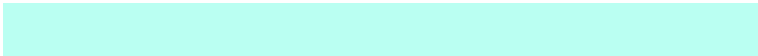
FFA984

Sweetspot

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



14E1BB



BAFFF2



3DE114



578078



000000



808080

Same Dimension

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



14E1BB



00FFD0



14A3E1



65706E



00B08F



003027

Inverse Universe

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



E1143A



FF002F



E15214



706567



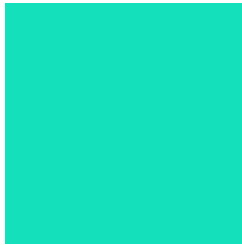
B00021



300009

Previews

White Background



This preview shows how the Hex color 14E1BB looks on a white background.

Color Contrast Check

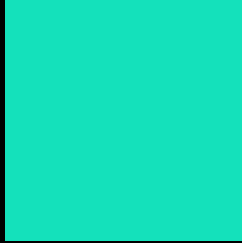
Large Text (above 18pt) WCAG AA × Fail

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 14E1BB 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 14E1BB Background



This preview shows how black text looks on a background with the Hex color 14E1BB.

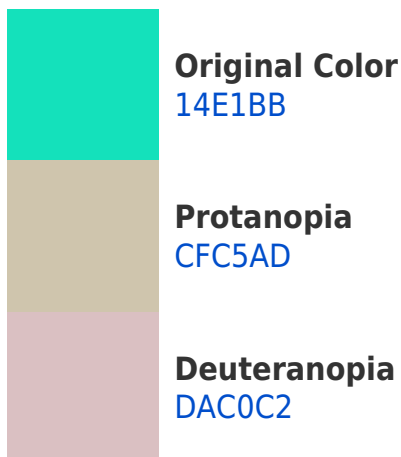


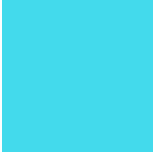
This preview shows how white text looks on a background with the Hex color 14E1BB.

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](#).

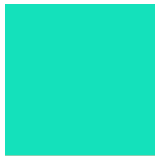
Dichromacy





Tritanopia
43DAEC

Trichromacy



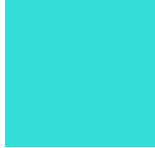
Original Color
14E1BB



Protanomaly
8BCFB2



Deuteranomaly
92CCBF



Tritanomaly
32DDDA

Monochromacy



Original Color
14E1BB



Achromatopsia
9F9F9F



Achromatomaly
6CB7A9

CSS Examples

Text

The CSS property to change the color of the text to Hex 14E1BB 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 #14E1BB looks like.

```
.text, #text, p{  
    color:#14E1BB  
}
```

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 #14E1BB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #14E1BB  
}
```

Border

The CSS property to change the border of an element to Hex 14E1BB 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  
#14E1BB }
```

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

```
.border{ border-color:#14E1BB }
```

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

Here you see how a box with a 4 pixel #14E1BB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #14E1BB; -webkit-box-shadow:4px 4px  
4px 4px #14E1BB; box-shadow:4px 4px 4px  
4px #14E1BB }
```

Background

The CSS property to change the background color of an element to Hex 14E1BB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#14E1BB }
```

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

```
.background{ background-color:#14E1BB }
```

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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