

Converting Colors

Hex(1AE5AE)

Have a look what the booklet for
Hex(1AE5AE) contains.

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Color

Hex(1AE5AE)

Conversions

Conversions Part 1

Format	Color
Hex	1AE5AE
RGB	26, 229, 174
RGB Percent	10%, 90%, 68%
CMY	0.8980, 0.1020, 0.3176
CMYK	0.89, 0.00, 0.24, 0.10
HSL	164°, 80%, 50%
HSV	164°, 89%, 90%
XYZ	36.0853, 59.3142, 49.5913
YIQ	162.0330, -103.3330, -60.1410

Conversions

Conversions Part 2

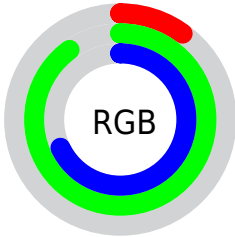
Format	Color
RYP	26, 143, 229
Decimal	1762734
CIELab	81.46, -58.05, 14.16
CIElCh	81, 59.757, 166.290
Yxy	59.3142, 0.2489, 0.4091
Android (android.graphics.Color)	4279952814 (0xFF1AE5AE)
YUV	162.0330, 5.8997, -119.3009
Hunter-Lab	77.0157, -51.1423, 15.7335

Details

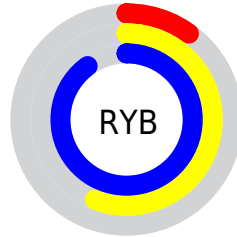
The Hex color **1AE5AE** is a dark color, and the websafe version is hex **00CC99**. The color can be described as middle washed spring green. A complement of this color would be **E51A51**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **72FFE6**, and **00AC7A** is the 20% darker color. If you saturate the color by 10%, you get **03E5A8**, and if you desaturate by 10%, it is **31E5B4**.

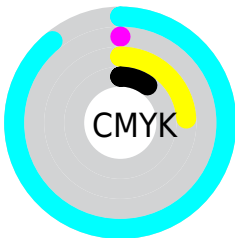
Distribution



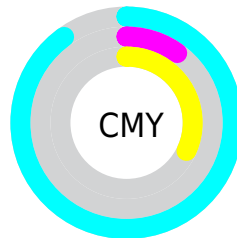
- Red (10%)
- Green (90%)
- Blue (68%)



- Red (10%)
- Yellow (56%)
- Blue (90%)



- Cyan (89%)
- Magenta (0%)
- Yellow (24%)
- Black (10%)



- Cyan (90%)
- Magenta (10%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1AE5AE 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 1AE5AE by changing the saturation by 10% instead.

 1AE5AE

 1AE5AE

FFFFFF

 00C893

 72FFE6

 00AC7A

 93FFFF

 009161

 B3FFFF

 007649

 D3FFFF

 005C32

 F2FFFF

 00431D

 002C05

 000A00

 000000

 1AE5AE

 1AE5AE

 03E5A8

 31E5B4

 00E5A7

 48E5BA

 5FE5C1

 76E5C7

 8CE5CD

 A3E5D3

 BAE5D9

 D1E5E0

 E8E5E6

Harmonies

Analogous

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



8EDE7A



1AE5AE



00E7E8

Triad

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



1AE5AE



A3C6FF



FFAA7C

Complementary

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



1AE5AE



E51A51

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.



FF9CAE



1AE5AE



F5B0FF

Square

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



1AE5AE



00D8FF



FF9EE7



FFBE5B

Rectangle

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



1AE5AE



00E5FF



FF9EE7



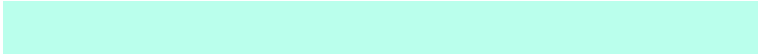
FFA48B

Sweetspot

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



1AE5AE



BAFFEC



54E51A



578074



000000



808080

Same Dimension

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



1AE5AE



00FFBA



1AB9E5



677370



00B382



003325

Inverse Universe

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



E51A51



FF0045



E5461A



73676A



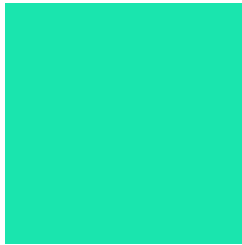
B30030



33000E

Previews

White Background



This preview shows how the Hex color 1AE5AE looks on a white background.

Color Contrast Check

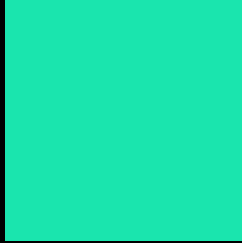
Large Text (above 18pt) WCAG AA × Fail

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 1AE5AE looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

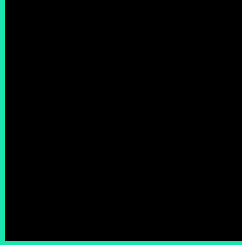
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

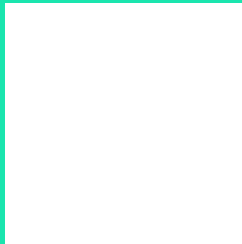
Any Text WCAG AAA ✓ Pass

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

Hex 1AE5AE Background



This preview shows how black text looks on a background with the Hex color 1AE5AE.

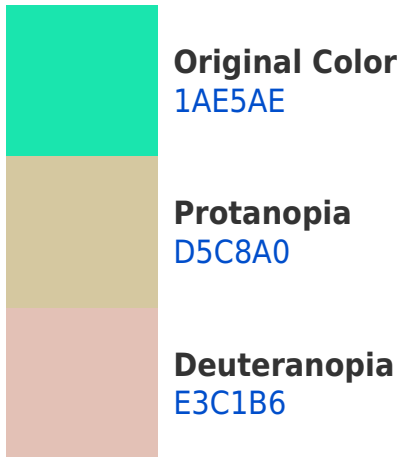


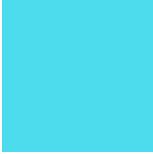
This preview shows how white text looks on a background with the Hex color 1AE5AE.

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





Trichromacy



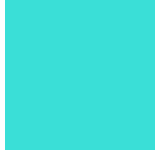
Original Color
1AE5AE



Protanomaly
91D3A5



Deuteranomaly
9ACEB3

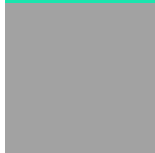


Tritanomaly
3ADFD7

Monochromacy



Original Color
1AE5AE



Achromatopsia
A2A2A2



Achromatomaly
71BAA6

CSS Examples

Text

The CSS property to change the color of the text to Hex 1AE5AE 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 #1AE5AE looks like.

```
.text, #text, p{  
    color:#1AE5AE  
}
```

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 #1AE5AE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1AE5AE  
}
```

Border

The CSS property to change the border of an element to Hex 1AE5AE 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  
#1AE5AE }
```

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

```
.border{ border-color:#1AE5AE }
```

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

Here you see how a box with a 4 pixel #1AE5AE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1AE5AE; -webkit-box-shadow:4px 4px  
4px 4px #1AE5AE; box-shadow:4px 4px 4px  
4px #1AE5AE }
```

Background

The CSS property to change the background color of an element to Hex 1AE5AE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1AE5AE }
```

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

```
.background{ background-color:#1AE5AE }
```

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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