

Converting Colors

Hex(1BA286)

Have a look what the booklet for
Hex(1BA286) contains.

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Color

Hex(1BA286)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 1BA286 |
| RGB | 27, 162, 134 |
| RGB Percent | 11%, 64%, 53% |
| CMY | 0.8941, 0.3647, 0.4745 |
| CMYK | 0.83, 0.00, 0.17, 0.36 |
| HSL | 168°, 71%, 37% |
| HSV | 168°, 83%, 64% |
| XYZ | 17.6754, 27.7949, 26.9876 |
| YIQ | 118.4430, -71.4720, -37.3280 |

Conversions

Conversions Part 2

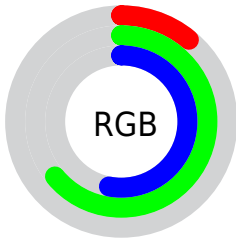
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 27, 102, 162 |
| Decimal | 1811078 |
| CIE _{Lab} | 59.70, -40.91, 4.89 |
| CIE _{LCh} | 60, 41.202, 173.182 |
| Yxy | 27.7949, 0.2439, 0.3836 |
| Android (android.graphics.Color) | 4280001158 (0xFF1BA286) |
| YUV | 118.4430, 7.6696, -80.1955 |
| Hunter-Lab | 52.7209, -32.4169, 6.5543 |

Details

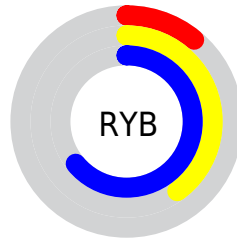
The Hex color **1BA286** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **A21B37**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **62DABB**, and **006D54** is the 20% darker color. If you saturate the color by 10%, you get **0BA283**, and if you desaturate by 10%, it is **2BA289**.

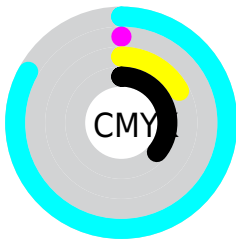
Distribution



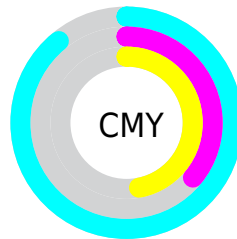
- Red (11%)
- Green (64%)
- Blue (53%)



- Red (11%)
- Yellow (40%)
- Blue (64%)



- Cyan (83%)
- Magenta (0%)
- Yellow (17%)
- Black (36%)



- Cyan (89%)
- Magenta (36%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1BA286 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 1BA286 by changing the saturation by 10% instead.

 1BA286

 1BA286

FFFFFF

 00876D

 62DABB

 006D54

 80F6D7

 00543D

 9DFFF3

 003C28

 BBFFFF

 002713

 D9FFFF

 000000

 F7FFFF

 1BA286

 1BA286

 0BA283

 2BA289

■ 00A280

■ 3BA28D

■ 4CA290

■ 5CA293

■ 6CA297

■ 7CA29A

■ 8CA29E

■ 9DA2A1

■ ADA2A4

Harmonies

Analogous

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



5F9E63



1BA286



00A2AB

Triad

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



1BA286



868AD2



C87E57

Complementary

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



1BA286



A21B37

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.



D47475



1BA286



B57CBC

Square

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



1BA286



3F96D7



CF739A



AD8B47

Rectangle

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



1BA286



00A0C0



CF739A



CE7A60

Sweetspot

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



1BA286



9FD4C9



38A21B



4B6B64



EBEBEB



6B6B6B

Same Dimension

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



1BA286



00D4A8



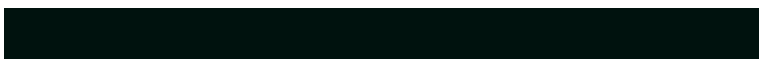
1B7CA2



495250



009173



00120E

Inverse Universe

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



A21B37



D4002C



A2411B



52494B



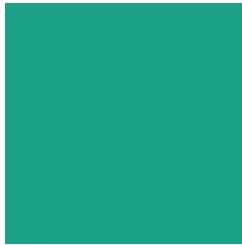
91001E



120004

Previews

White Background



This preview shows how the Hex color 1BA286 looks on a white background.

Color Contrast Check

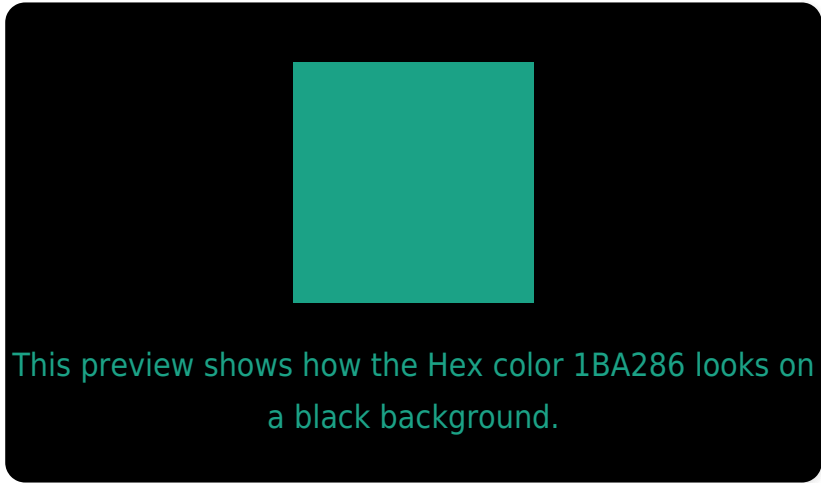
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

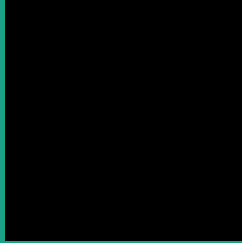
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex 1BA286 Background



This preview shows how black text looks on a background with the Hex color 1BA286.

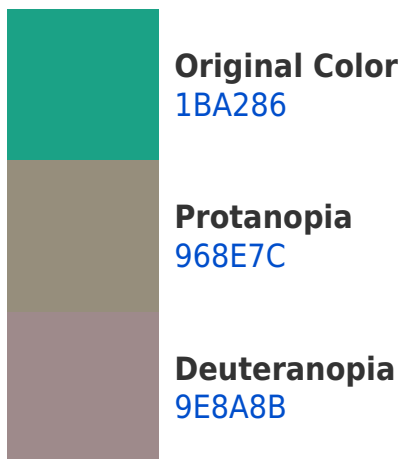


This preview shows how white text looks on a background with the Hex color 1BA286.

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



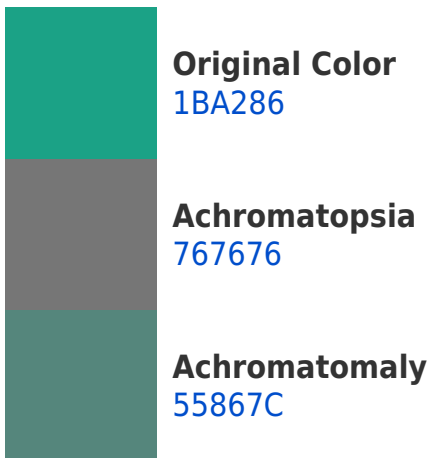


Tritanopia
359DAA

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 1BA286 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 #1BA286 looks like.

```
.text, #text, p{  
    color:#1BA286  
}
```

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 #1BA286 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1BA286
}
```

Border

The CSS property to change the border of an element to Hex 1BA286 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
#1BA286 }
```

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

```
.border{ border-color:#1BA286 }
```

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

Here you see how a box with a 4 pixel #1BA286 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1BA286; -webkit-box-shadow:4px 4px  
4px 4px #1BA286; box-shadow:4px 4px 4px  
4px #1BA286 }
```

Background

The CSS property to change the background color of an element to Hex 1BA286 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1BA286 }
```

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

```
.background{ background-color:#1BA286 }
```

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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