

Converting Colors

Hex(1CA587)

Have a look what the booklet for
Hex(1CA587) contains.

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Color

Hex(1CA587)

Conversions

Conversions Part 1

Format	Color
Hex	1CA587
RGB	28, 165, 135
RGB Percent	11%, 65%, 53%
CMY	0.8902, 0.3529, 0.4706
CMYK	0.83, 0.00, 0.18, 0.35
HSL	167°, 71%, 38%
HSV	167°, 83%, 65%
XYZ	18.3072, 28.9064, 27.5363
YIQ	120.6170, -72.0220, -38.3740

Conversions

Conversions Part 2

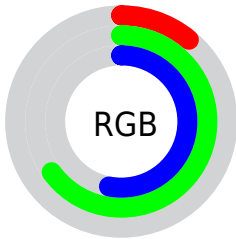
Format	Color
RYB	28, 105, 165
Decimal	1877383
CIELab	60.70, -41.84, 5.76
CIElCh	61, 42.238, 172.159
Yxy	28.9064, 0.2449, 0.3867
Android (android.graphics.Color)	4280067463 (0xFF1CA587)
YUV	120.6170, 7.0908, -81.2251
Hunter-Lab	53.7647, -33.3079, 7.2691

Details

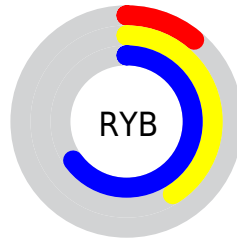
The Hex color **1CA587** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **A51C3A**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **63DDBC**, and **007055** is the 20% darker color. If you saturate the color by 10%, you get **0BA583**, and if you desaturate by 10%, it is **2CA58B**.

Distribution



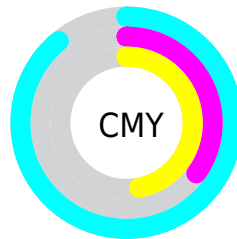
- Red (11%)
- Green (65%)
- Blue (53%)



- Red (11%)
- Yellow (41%)
- Blue (65%)



- Cyan (83%)
- Magenta (0%)
- Yellow (18%)
- Black (35%)



- Cyan (89%)
- Magenta (35%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1CA587 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 1CA587 by changing the saturation by 10% instead.



1CA587



1CA587

FFFFFF



008A6E



63DDBC



007055



81FAD8



00573E



9FFFF4



003E28



BCFFFF



002914



DAFFFF



000500



F8FFFF



000000



1CA587



1CA587



0BA583



2CA58B

■ 00A581

■ 3DA58E

■ 4DA592

■ 5EA595

■ 6EA599

■ 7FA59D

■ 8FA5A0

■ A0A5A4

■ B0A5A8

Harmonies

Analogous

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



62A163



1CA587



00A5AD

Triad

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



1CA587



868CD7



CC7F59

Complementary

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



1CA587



A51C3A

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.



D97578



1CA587



B77EC1

Square

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



1CA587



3A99DC



D3759E



B28D47

Rectangle

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



1CA587



00A3C3



D3759E



D27B62

Sweetspot

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



1CA587



A1D6CA



3CA51C



4B6B64



EBEBEB



6B6B6B

Same Dimension

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



1CA587



00D6A7



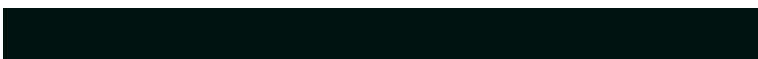
1C80A5



495250



009172



00120E

Inverse Universe

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



A51C3A



D6002F



A5411C



52494B



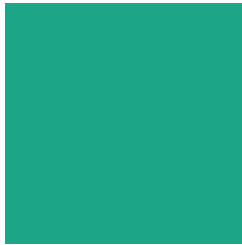
910020



120004

Previews

White Background



This preview shows how the Hex color 1CA587 looks on a white background.

Color Contrast Check

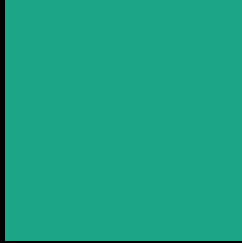
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the Hex color 1CA587 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

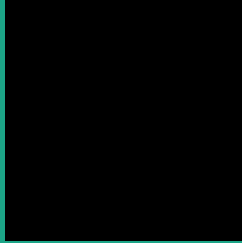
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex 1CA587 Background



This preview shows how black text looks on a background with the Hex color 1CA587.



This preview shows how white text looks on a background with the Hex color 1CA587.

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](#).

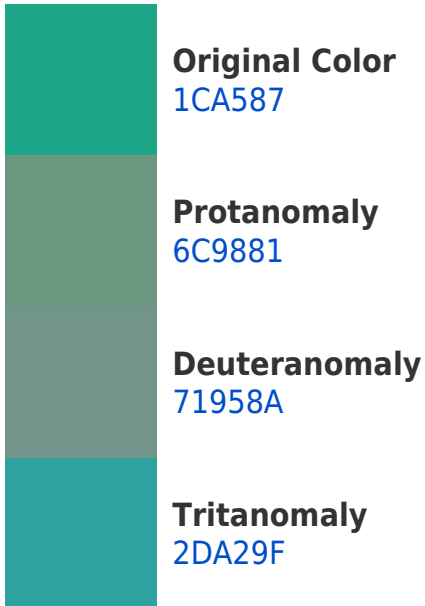
Dichromacy



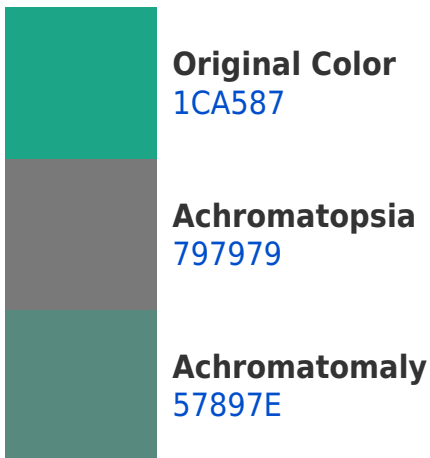


Tritanopia
37A0AD

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 1CA587 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 #1CA587 looks like.

```
.text, #text, p{  
    color:#1CA587  
}
```

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 #1CA587 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1CA587
}
```

Border

The CSS property to change the border of an element to Hex 1CA587 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
#1CA587 }
```

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

```
.border{ border-color:#1CA587 }
```

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

Here you see how a box with a 4 pixel #1CA587 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1CA587; -webkit-box-shadow:4px 4px  
4px 4px #1CA587; box-shadow:4px 4px 4px  
4px #1CA587 }
```

Background

The CSS property to change the background color of an element to Hex 1CA587 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1CA587 }
```

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

```
.background{ background-color:#1CA587 }
```

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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