

Converting Colors

Hex(1C9E82)

Have a look what the booklet for
Hex(1C9E82) contains.

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Color

Hex(1C9E82)

Conversions

Conversions Part 1

Format	Color
Hex	1C9E82
RGB	28, 158, 130
RGB Percent	11%, 62%, 51%
CMY	0.8902, 0.3804, 0.4902
CMYK	0.82, 0.00, 0.18, 0.38
HSL	167°, 70%, 36%
HSV	167°, 82%, 62%
XYZ	16.7350, 26.3123, 25.3158
YIQ	115.9380, -68.4920, -36.2680

Conversions

Conversions Part 2

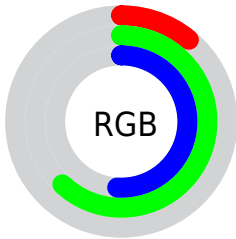
Format	Color
R_{YB}	28, 101, 158
Decimal	1875586
CIE _{Lab}	58.33, -40.16, 5.18
CIE _{LCh}	58, 40.489, 172.653
Yxy	26.3123, 0.2448, 0.3849
Android (android.graphics.Color)	4280065666 (0xFF1C9E82)
YUV	115.9380, 6.9326, -77.1216
Hunter-Lab	51.2955, -31.5321, 6.6455

Details

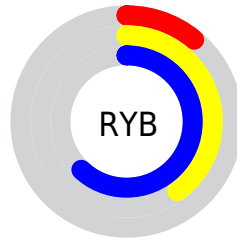
The Hex color **1C9E82** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **9E1C38**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **62D5B7**, and **006A51** is the 20% darker color. If you saturate the color by 10%, you get **0C9E7F**, and if you desaturate by 10%, it is **2C9E85**.

Distribution



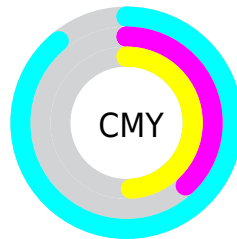
- Red (11%)
- Green (62%)
- Blue (51%)



- Red (11%)
- Yellow (40%)
- Blue (62%)



- Cyan (82%)
- Magenta (0%)
- Yellow (18%)
- Black (38%)



- Cyan (89%)
- Magenta (38%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1C9E82 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 1C9E82 by changing the saturation by 10% instead.

 1C9E82

 1C9E82

FFFFFF

 008369

 62D5B7

 006A51

 7FF2D2

 00513A

 9CFFE8

 003924

 BAE8E8

 00240F

 D7E8E8

 000000

 F5E8E8

 1C9E82

 1C9E82

 0C9E7F

 2C9E85

■ 009E7C

■ 3C9E89

■ 4B9E8C

■ 5B9E90

■ 6B9E93

■ 7B9E96

■ 8B9E9A

■ 9A9E9D

■ AA9EA1

Harmonies

Analogous

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



5D9A60



1C9E82



009EA6

Triad

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



1C9E82



8286CE



C37A55

Complementary

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



1C9E82



9E1C38

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.



CF7173



1C9E82



B079B8

Square

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



1C9E82



3B93D2



CA7096



AA8745

Rectangle

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



1C9E82



009CBB



CA7096



C9775E

Sweetspot

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



1C9E82



9BCFC3



389E1C



496962



E8E8E8



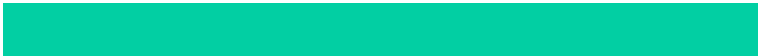
696969

Same Dimension

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



1C9E82



02CFA3



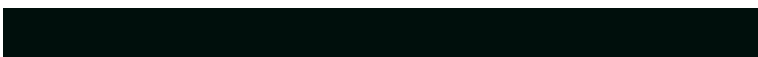
1C799E



474F4D



008F70



000F0C

Inverse Universe

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



9E1C38



CF022E



9E411C



4F4749



8F001F



0F0003

Previews

White Background



This preview shows how the Hex color 1C9E82 looks on a white background.

Color Contrast Check

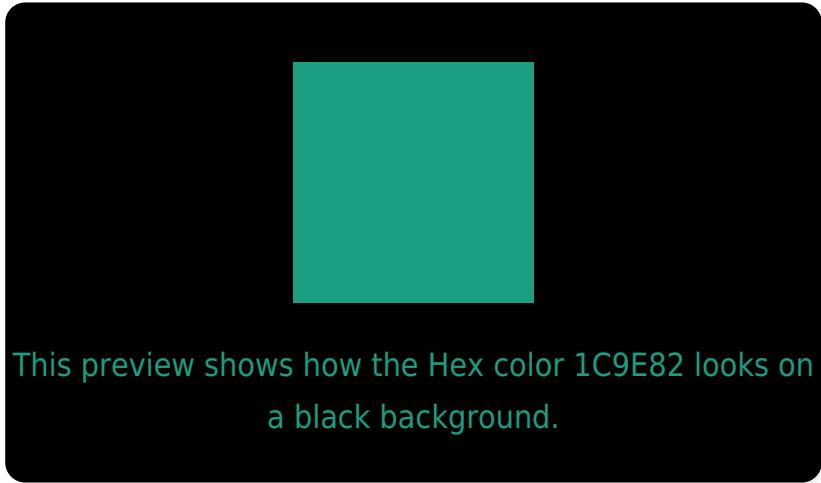
Large Text (above 18pt) WCAG AA ✓ Pass

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

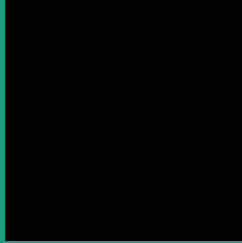
Any Text WCAG AA ✓ Pass

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 1C9E82 Background



This preview shows how black text looks on a background with the Hex color 1C9E82.

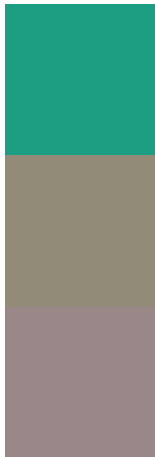


This preview shows how white text looks on a background with the Hex color 1C9E82.

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



Original Color
1C9E82

Protanopia
928B78

Deuteranopia
9A8787



Tritanopia
3599A6

Trichromacy



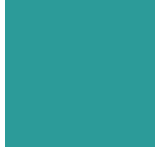
Original Color
1C9E82



Protanomaly
67927C



Deuteranomaly
6C8F85



Tritanomaly
2C9B99

Monochromacy



Original Color
1C9E82



Achromatopsia
747474



Achromatomaly
548379

CSS Examples

Text

The CSS property to change the color of the text to Hex 1C9E82 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 #1C9E82 looks like.

```
.text, #text, p{  
    color:#1C9E82  
}
```

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 #1C9E82 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1C9E82
}
```

Border

The CSS property to change the border of an element to Hex 1C9E82 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
#1C9E82 }
```

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

```
.border{ border-color:#1C9E82 }
```

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

Here you see how a box with a 4 pixel #1C9E82 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1C9E82; -webkit-box-shadow:4px 4px  
4px 4px #1C9E82; box-shadow:4px 4px 4px  
4px #1C9E82 }
```

Background

The CSS property to change the background color of an element to Hex 1C9E82 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1C9E82 }
```

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

```
.background{ background-color:#1C9E82 }
```

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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