

Converting Colors

Hex(27C98E)

Have a look what the booklet for
Hex(27C98E) contains.

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Color

Hex(27C98E)

Conversions

Conversions Part 1

Format	Color
Hex	27C98E
RGB	39, 201, 142
RGB Percent	15%, 79%, 56%
CMY	0.8471, 0.2118, 0.4431
CMYK	0.81, 0.00, 0.29, 0.21
HSL	158°, 68%, 47%
HSV	158°, 81%, 79%
XYZ	26.6058, 44.1576, 32.7122
YIQ	145.8360, -77.6130, -52.6930

Conversions

Conversions Part 2

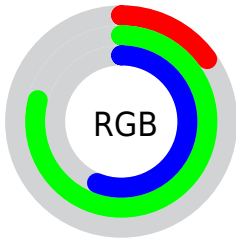
Format	Color
RYB	39, 138, 201
Decimal	2607502
CIELab	72.33, -53.67, 18.35
CIELCh	72, 56.722, 161.127
Yxy	44.1576, 0.2571, 0.4267
Android (android.graphics.Color)	4280797582 (0xFF27C98E)
YUV	145.8360, -1.8911, -93.6952
Hunter-Lab	66.4512, -44.8215, 17.3289

Details

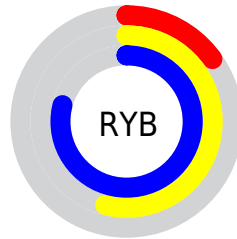
The Hex color **27C98E** is a dark color, and the websafe version is hex **00CC99**. The color can be described as dark muted spring green. A complement of this color would be **C92762**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **70FFC4**, and **00925B** is the 20% darker color. If you saturate the color by 10%, you get **13C987**, and if you desaturate by 10%, it is **3BC995**.

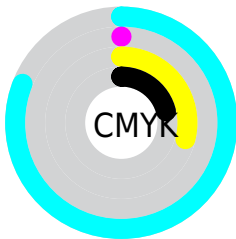
Distribution



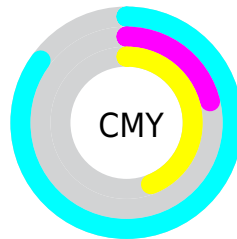
- Red (15%)
- Green (79%)
- Blue (56%)



- Red (15%)
- Yellow (54%)
- Blue (79%)



- Cyan (81%)
- Magenta (0%)
- Yellow (29%)
- Black (21%)



- Cyan (85%)
- Magenta (21%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 27C98E 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 27C98E by changing the saturation by 10% instead.

 27C98E

 27C98E

FFFFFF

 00AD74

 70FFC4

 00925B

 8FFFE0

 007744

 AEFFFD

 005D2D

 CCFFF

 004418

 EBFFF

 002E00

 000F00

 000000

 27C98E

 27C98E

 13C987

 3BC995

 00C980

 4FC99D

 63C9A4

 77C9AB

 8CC9B3

 A0C9BA

 B4C9C1

 C8C9C9

 DCC9D0

Harmonies

Analogous

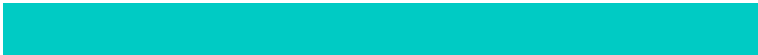
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



84C260



27C98E



00CBC4

Triad

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



27C98E



79B0FF



FF9070

Complementary

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



27C98E



C92762

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.



FF84A0



27C98E



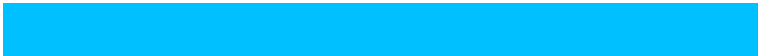
CE9CFF

Square

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



27C98E



00C0FF



FF8AD4



EAA34D

Rectangle

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



27C98E



00CAE5



FF8AD4



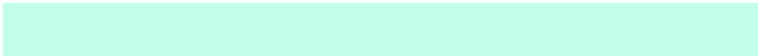
FF8A7F

Sweetspot

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



27C98E



C2FFE9



62C927



5B8072



000000



808080

Same Dimension

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



27C98E



08FFA5



27B3C9



5A6360



00A368



002417

Inverse Universe

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



C92762



FF0862



C93D27



635A5D



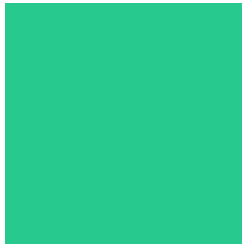
A3003B



24000D

Previews

White Background



This preview shows how the Hex color 27C98E looks on a white background.

Color Contrast Check

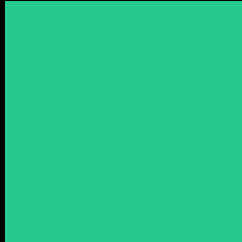
Large Text (above 18pt) WCAG AA × Fail

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 27C98E looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

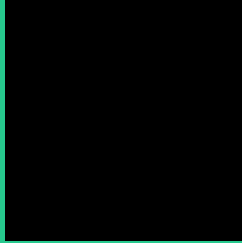
Any Text WCAG AA ✓ Pass

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 27C98E Background



This preview shows how black text looks on a background with the Hex color 27C98E.



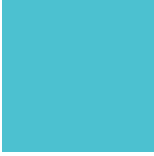
This preview shows how white text looks on a background with the Hex color 27C98E.

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
4CC1D0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 27C98E 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 #27C98E looks like.

```
.text, #text, p{  
    color:#27C98E  
}
```

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 #27C98E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #27C98E
}
```

Border

The CSS property to change the border of an element to Hex 27C98E 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
#27C98E }
```

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

```
.border{ border-color:#27C98E }
```

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

Here you see how a box with a 4 pixel #27C98E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #27C98E; -webkit-box-shadow:4px 4px  
4px 4px #27C98E; box-shadow:4px 4px 4px  
4px #27C98E }
```

Background

The CSS property to change the background color of an element to Hex 27C98E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#27C98E }
```

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

```
.background{ background-color:#27C98E }
```

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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