

Converting Colors

Hex(28B997)

Have a look what the booklet for
Hex(28B997) contains.

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Color

Hex(28B997)

Conversions

Conversions Part 1

Format	Color
Hex	28B997
RGB	40, 185, 151
RGB Percent	16%, 73%, 59%
CMY	0.8431, 0.2745, 0.4078
CMYK	0.78, 0.00, 0.18, 0.27
HSL	166°, 64%, 44%
HSV	166°, 78%, 73%
XYZ	23.8099, 37.3834, 35.2390
YIQ	137.7690, -75.5060, -41.3140

Conversions

Conversions Part 2

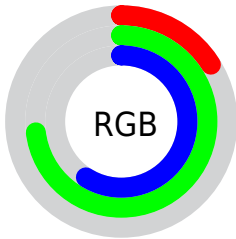
Format	Color
RYB	40, 122, 185
Decimal	2668951
CIELab	67.56, -45.00, 6.76
CIElCh	68, 45.500, 171.455
Yxy	37.3834, 0.2469, 0.3877
Android (android.graphics.Color)	4280859031 (0xFF28B997)
YUV	137.7690, 6.5229, -85.7434
Hunter-Lab	61.1420, -37.4869, 8.6278

Details

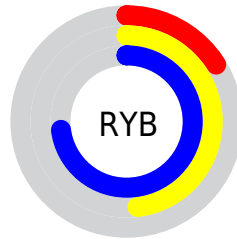
The Hex color **28B997** is a dark color, and the websafe version is hex **33CC99**. A complement of this color would be **B9284A**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **6EF2CD**, and **008364** is the 20% darker color. If you saturate the color by 10%, you get **16B993**, and if you desaturate by 10%, it is **3BB99B**.

Distribution



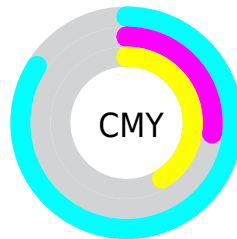
- Red (16%)
- Green (73%)
- Blue (59%)



- Red (16%)
- Yellow (48%)
- Blue (73%)



- Cyan (78%)
- Magenta (0%)
- Yellow (18%)
- Black (27%)



- Cyan (84%)
- Magenta (27%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Hex color 28B997 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 28B997 by changing the saturation by 10% instead.

 28B997

 28B997

FFFFFF

 009E7D


 6EF2CD

 008364

 8CFFE9

 00694C

 AAFFFF

 005036

 C8FFFF

 003820

 E6FFFF

 00220A

 000000

 28B997

 28B997

 16B993

 3BB99B

■ 03B98E

■ 4DB9A0

■ 00B98E

■ 60B9A4

■ 72B9A8

■ 85B9AD

■ 97B9B1

■ AAB9B5

■ BCB9BA

■ CFB9BE

Harmonies

Analogous

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



70B470



28B997



00BAC1

Triad

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



28B997



969EF1



E58F66

Complementary

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



28B997



B9284A

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.



F38489



28B997



CC8FD8

Square

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



28B997



42ACF5



EB84B2



C89E52

Rectangle

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



28B997



00B7DA



EB84B2



EC8B70

Sweetspot

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



28B997



B6F0E2



4CB928



557870



F7F7F7



787878

Same Dimension

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



28B997



0EF0BB



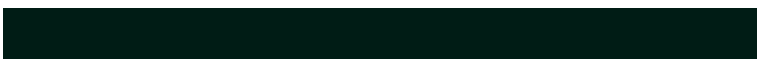
2895B9



535C5A



009C77



001C15

Inverse Universe

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



B9284A



F00E43



B94C28



5C5355



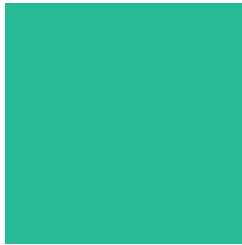
9C0024



1C0007

Previews

White Background



This preview shows how the Hex color 28B997 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 28B997 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 28B997 Background



This preview shows how black text looks on a background with the Hex color 28B997.

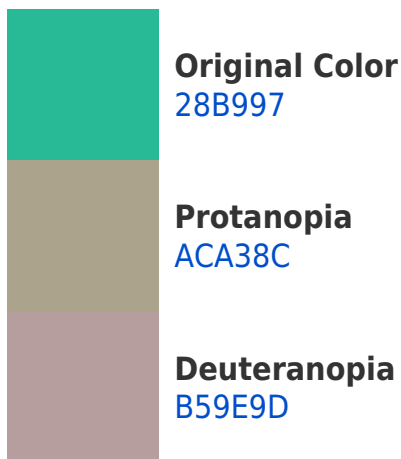


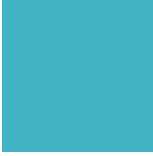
This preview shows how white text looks on a background with the Hex color 28B997.

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
42B3C2

Trichromacy



Original Color
28B997



Protanomaly
7CAB90



Deuteranomaly
82A89B



Tritanomaly
39B5B2

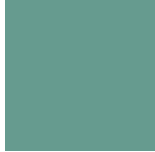
Monochromacy



Original Color
28B997



Achromatopsia
8A8A8A



Achromatomaly
669B8F

CSS Examples

Text

The CSS property to change the color of the text to Hex 28B997 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 #28B997 looks like.

```
.text, #text, p{  
    color:#28B997  
}
```

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 #28B997 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #28B997
}
```

Border

The CSS property to change the border of an element to Hex 28B997 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
#28B997 }
```

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

```
.border{ border-color:#28B997 }
```

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

Here you see how a box with a 4 pixel #28B997 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #28B997; -webkit-box-shadow:4px 4px  
4px 4px #28B997; box-shadow:4px 4px 4px  
4px #28B997 }
```

Background

The CSS property to change the background color of an element to Hex 28B997 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#28B997 }
```

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

```
.background{ background-color:#28B997 }
```

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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