

Converting Colors

Hex(28BE9E)

Have a look what the booklet for
Hex(28BE9E) contains.

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Color

Hex(28BE9E)

Conversions

Conversions Part 1

Format	Color
Hex	28BE9E
RGB	40, 190, 158
RGB Percent	16%, 75%, 62%
CMY	0.8431, 0.2549, 0.3804
CMYK	0.79, 0.00, 0.17, 0.25
HSL	167°, 65%, 45%
HSV	167°, 79%, 75%
XYZ	25.4601, 39.7466, 38.6777
YIQ	141.5020, -79.1280, -41.7520

Conversions

Conversions Part 2

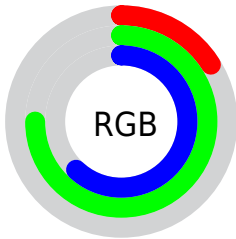
Format	Color
RYB	40, 124, 190
Decimal	2670238
CIELab	69.29, -45.31, 5.41
CIELCh	69, 45.633, 173.196
Yxy	39.7466, 0.2451, 0.3826
Android (android.graphics.Color)	4280860318 (0xFF28BE9E)
YUV	141.5020, 8.1335, -89.0173
Hunter-Lab	63.0449, -38.2432, 7.7574

Details

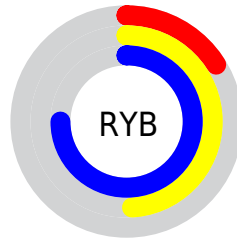
The Hex color **28BE9E** is a dark color, and the websafe version is hex **33CC99**. A complement of this color would be **BE2848**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **6FF7D5**, and **00886B** is the 20% darker color. If you saturate the color by 10%, you get **15BE9A**, and if you desaturate by 10%, it is **3BBEA2**.

Distribution



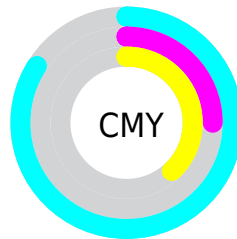
- Red (16%)
- Green (75%)
- Blue (62%)



- Red (16%)
- Yellow (49%)
- Blue (75%)



- Cyan (79%)
- Magenta (0%)
- Yellow (17%)
- Black (25%)



- Cyan (84%)
- Magenta (25%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 28BE9E 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 28BE9E by changing the saturation by 10% instead.

 28BE9E

 28BE9E

FFFFFF

 00A284

 6FF7D5

 00886B

 8EFFF1

 006D53

 ACFFFF

 00543C

 CAFFFF

 003C26

 E9FFFF

 002611

 000000

 28BE9E

 28BE9E

 15BE9A

 3BBEA2

02BE96

4EBEA6

00BE95

61BEAA

74BEAE

87BEB2

9ABEB6

ADBEB A

C0BEBE

D3BEC2

Harmonies

Analogous

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



72B976



28BE9E



00BEC8

Triad

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



28BE9E



9EA2F5



E99568

Complementary

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



28BE9E



BE2848

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.



F8898B



28BE9E



D492DB

Square

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



28BE9E



4EB0FB



F188B4



CBA456

Rectangle

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



28BE9E



00BCE1



F188B4



F09072

Sweetspot

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



28BE9E



BCF7EB



49BE28



597D75



FCFCFC



7D7D7D

Same Dimension

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



28BE9E



0CF7C5



2893BE



555E5C



009E7C



001F18

Inverse Universe

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



BE2848



F70C3E



BE5328



5E5557



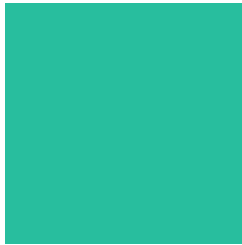
9E0022



1F0007

Previews

White Background



This preview shows how the Hex color 28BE9E looks on a white background.

Color Contrast Check

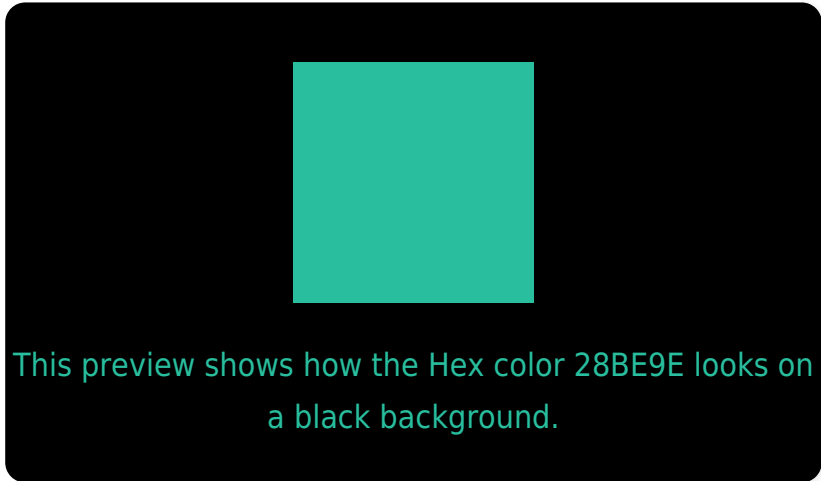
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

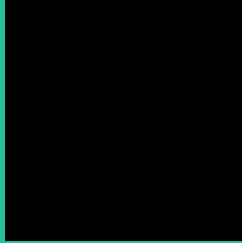
Any Text WCAG AA ✓ Pass

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 28BE9E Background



This preview shows how black text looks on a background with the Hex color 28BE9E.



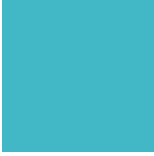
This preview shows how white text looks on a background with the Hex color 28BE9E.

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](#).

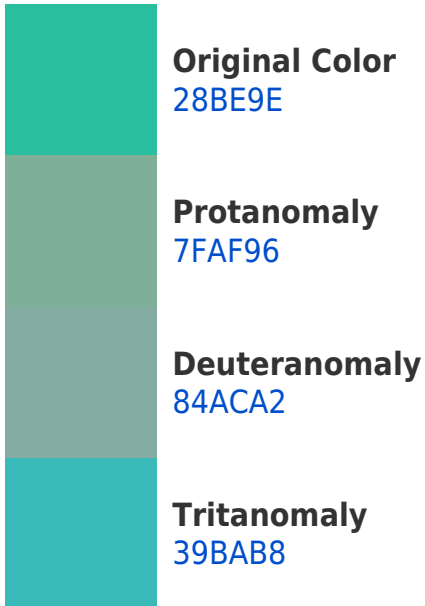
Dichromacy





Tritanopia
42B8C7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 28BE9E 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 #28BE9E looks like.

```
.text, #text, p{  
    color:#28BE9E  
}
```

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 #28BE9E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #28BE9E
}
```

Border

The CSS property to change the border of an element to Hex 28BE9E 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
#28BE9E }
```

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

```
.border{ border-color:#28BE9E }
```

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

Here you see how a box with a 4 pixel #28BE9E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #28BE9E; -webkit-box-shadow:4px 4px  
4px 4px #28BE9E; box-shadow:4px 4px 4px  
4px #28BE9E }
```

Background

The CSS property to change the background color of an element to Hex 28BE9E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#28BE9E }
```

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

```
.background{ background-color:#28BE9E }
```

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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