

Converting Colors

Hex(28BDA4)

Have a look what the booklet for
Hex(28BDA4) contains.

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Color

Hex(28BDA4)

Conversions

Conversions Part 1

Format	Color
Hex	28BDA4
RGB	40, 189, 164
RGB Percent	16%, 74%, 64%
CMY	0.8431, 0.2588, 0.3569
CMYK	0.79, 0.00, 0.13, 0.26
HSL	170°, 65%, 45%
HSV	170°, 79%, 74%
XYZ	25.7735, 39.5266, 41.3930
YIQ	141.5990, -80.7790, -39.3630

Conversions

Conversions Part 2

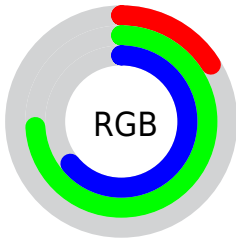
Format	Color
RYB	40, 121, 189
Decimal	2669988
CIELab	69.13, -43.31, 1.89
CIELCh	69, 43.356, 177.496
Yxy	39.5266, 0.2416, 0.3705
Android (android.graphics.Color)	4280860068 (0xFF28BDA4)
YUV	141.5990, 11.0437, -89.1023
Hunter-Lab	62.8702, -36.8472, 4.9734

Details

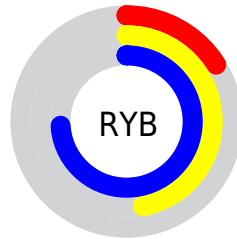
The Hex color **28BDA4** is a dark color, and the websafe version is hex **00CCCC**. A complement of this color would be **BD2841**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **6FF6DB**, and **008770** is the 20% darker color. If you saturate the color by 10%, you get **15BDA1**, and if you desaturate by 10%, it is **3BBDA7**.

Distribution



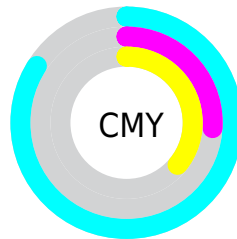
- Red (16%)
- Green (74%)
- Blue (64%)



- Red (16%)
- Yellow (47%)
- Blue (74%)



- Cyan (79%)
- Magenta (0%)
- Yellow (13%)
- Black (26%)



- Cyan (84%)
- Magenta (26%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 28BDA4 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 28BDA4 by changing the saturation by 10% instead.

 28BDA4

 28BDA4

FFFFFF

 00A18A

 6FF6DB

 008770

 8EFFF7

 006D58

 ACFFFF

 005341

 CBFFFF

 003B2B

 E9FFFF

 002616

 000000

 28BDA4

 28BDA4

 15BDA1

 3BBDA7

02BD9E

4EBDAA

00BD9D

61BDAE

74BDB1

87BDB4

99BDB7

ACBDBA

BFBDBD

D2BDC1

Harmonies

Analogous

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



6DB97D



28BDA4



00BDCC

Triad

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



28BDA4



A7A0EE



E39768

Complementary

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



28BDA4



BD2841

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.



F38C87



28BDA4



D791D4

Square

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



28BDA4



63AEF7



F089AE



C4A559

Rectangle

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



28BDA4



00BAE2



F089AE



EA9370

Sweetspot

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



28BDA4



BAF5EB



43BD28



577A74



FAFAFA



7A7A7A

Same Dimension

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



28BDA4



0CF5CE



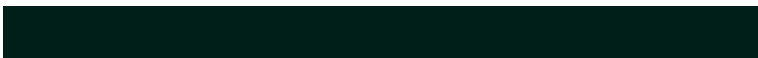
288EBD



555E5D



009E84



001F19

Inverse Universe

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



BD2841



F50C33



BD5728



5E5556



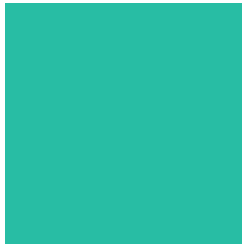
9E001B



1F0005

Previews

White Background



This preview shows how the Hex color 28BDA4 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 28BDA4 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

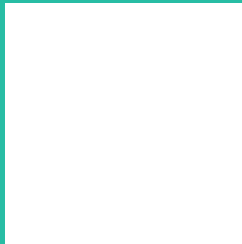
Any Text WCAG AAA ✓ Pass

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

Hex 28BDA4 Background



This preview shows how black text looks on a background with the Hex color 28BDA4.

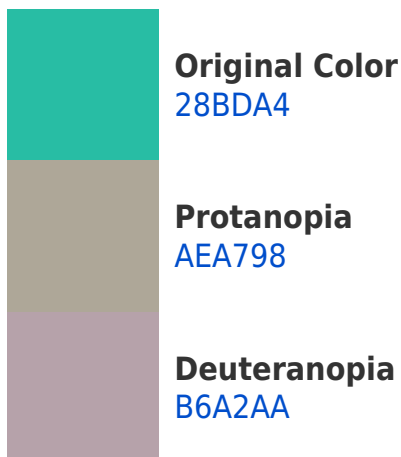


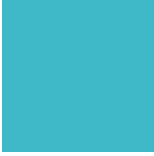
This preview shows how white text looks on a background with the Hex color 28BDA4.

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
3FB8C7

Trichromacy



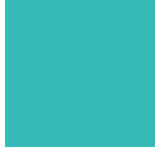
Original Color
28BDA4



Protanomaly
7DAF9C



Deuteranomaly
82ACA8



Tritanomaly
37BABA

Monochromacy



Original Color
28BDA4



Achromatopsia
8E8E8E



Achromatomaly
699F96

CSS Examples

Text

The CSS property to change the color of the text to Hex 28BDA4 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 #28BDA4 looks like.

```
.text, #text, p{  
    color:#28BDA4  
}
```

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 #28BDA4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #28BDA4
}
```

Border

The CSS property to change the border of an element to Hex 28BDA4 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
#28BDA4 }
```

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

```
.border{ border-color:#28BDA4 }
```

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

Here you see how a box with a 4 pixel #28BDA4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #28BDA4; -webkit-box-shadow:4px 4px  
4px 4px #28BDA4; box-shadow:4px 4px 4px  
4px #28BDA4 }
```

Background

The CSS property to change the background color of an element to Hex 28BDA4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#28BDA4 }
```

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

```
.background{ background-color:#28BDA4 }
```

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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