

Converting Colors

Hex(28DBAE)

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

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Color

Hex(28DBAE)

Conversions

Conversions Part 1

Format	Color
Hex	28DBAE
RGB	40, 219, 174
RGB Percent	16%, 86%, 68%
CMY	0.8431, 0.1412, 0.3176
CMYK	0.82, 0.00, 0.21, 0.14
HSL	165°, 71%, 51%
HSV	165°, 82%, 86%
XYZ	33.8466, 54.1701, 48.7164
YIQ	160.3490, -92.2390, -51.9430

Conversions

Conversions Part 2

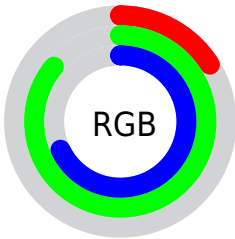
Format	Color
RYB	40, 142, 219
Decimal	2677678
CIELab	78.56, -53.19, 10.07
CIELCh	79, 54.133, 169.282
Yxy	54.1701, 0.2475, 0.3962
Android (android.graphics.Color)	4280867758 (0xFF28DBAE)
YUV	160.3490, 6.7299, -105.5461
Hunter-Lab	73.6004, -46.7139, 12.2760

Details

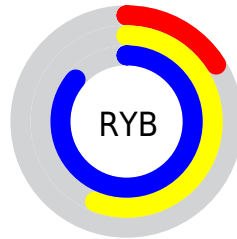
The Hex color **28DBAE** is a dark color, and the websafe version is hex **00CC99**. The color can be described as middle washed spring green. A complement of this color would be **DB2855**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **76FFE5**, and **00A37A** is the 20% darker color. If you saturate the color by 10%, you get **12DBA8**, and if you desaturate by 10%, it is **3EDBB4**.

Distribution



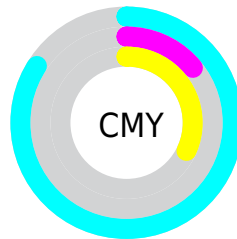
- Red (16%)
- Green (86%)
- Blue (68%)



- Red (16%)
- Yellow (56%)
- Blue (86%)



- Cyan (82%)
- Magenta (0%)
- Yellow (21%)
- Black (14%)



- Cyan (84%)
- Magenta (14%)
- Yellow (32%)

Brightness & Saturation Gradients

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

 28DBAE

 28DBAE

FFFFFF

 00BF93

 76FFE5

 00A37A

 96FFFF

 008861

 B5FFFF

 006D49

 D4FFFF

 005432

 F3FFFF

 003B1D

 002405

 000000

 28DBAE

 28DBAE

■ 12DBA8

■ 3EDBB4

■ 00DBA4

■ 54DBB9

■ 6ADBBF

■ 80DBC4

■ 95DBCA

■ ABDBCf

■ C1DBD5

■ D7DBDA

■ EDDBE0

Harmonies

Analogous

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



86D57E



28DBAE



00DCE2

Triad

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



28DBAE



A9BCFF



FFA778

Complementary

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



28DBAE



DB2855

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.



FF9AA4



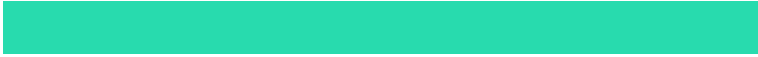
28DBAE



EFA9FF

Square

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



28DBAE



30CDFE



FF9AD7



F0B95E

Rectangle

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



28DBAE



00DAFF



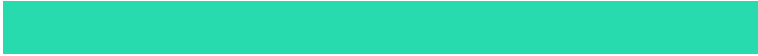
FF9AD7



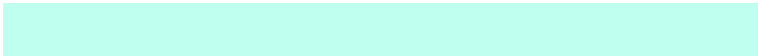
FFA285

Sweetspot

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



28DBAE



BFFFEF



58DB28



598076



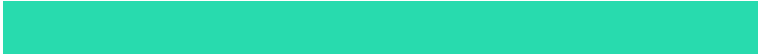
000000



808080

Same Dimension

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



28DBAE



05FFC0



28B1DB



636E6B



00AD82



002E22

Inverse Universe

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



DB2855



FF0544



DB5228



6E6365



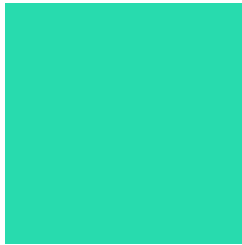
AD002C



2E000C

Previews

White Background



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

Color Contrast Check

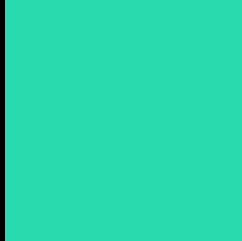
Large Text (above 18pt) WCAG AA × Fail

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 28DBAE 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 28DBAE Background



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

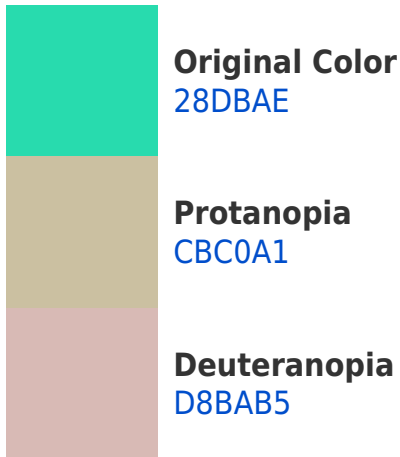


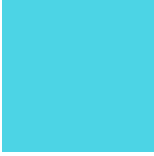
This preview shows how white text looks on a background with the Hex color 28DBAE.

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



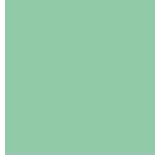


Tritanopia
4CD4E5

Trichromacy



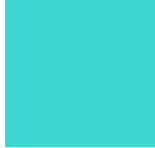
Original Color
28DBAE



Protanomaly
90CAA6



Deuteranomaly
98C6B2



Tritanomaly
3FD7D1

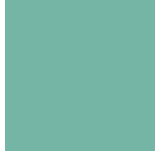
Monochromacy



Original Color
28DBAE



Achromatopsia
A0A0A0



Achromatomaly
74B5A5

CSS Examples

Text

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

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

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 #28DBAE colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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