

Converting Colors

Hex(28BEB6)

Have a look what the booklet for
Hex(28BEB6) contains.

Hex(28BEB6)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(28BEB6)

Conversions

Conversions Part 1

Format	Color
Hex	28BEB6
RGB	40, 190, 182
RGB Percent	16%, 75%, 71%
CMY	0.8431, 0.2549, 0.2863
CMYK	0.79, 0.00, 0.04, 0.25
HSL	177°, 65%, 45%
HSV	177°, 79%, 75%
XYZ	27.7320, 40.6554, 50.6416
YIQ	144.2380, -86.8320, -34.2880

Conversions

Conversions Part 2

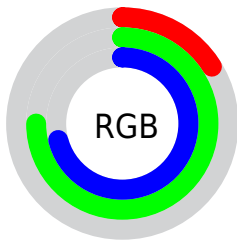
Format	Color
RYB	40, 117, 190
Decimal	2670262
CIELab	69.93, -38.78, -6.80
CIELCh	70, 39.368, 189.940
Yxy	40.6554, 0.2330, 0.3416
Android (android.graphics.Color)	4280860342 (0xFF28BEB6)
YUV	144.2380, 18.6167, -91.4167
Hunter-Lab	63.7616, -33.9473, -2.4570

Details

The Hex color **28BEB6** is a dark color, and the websafe version is hex **33CCCC**. A complement of this color would be **BE2830**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **71F7EE**, and **008881** is the 20% darker color. If you saturate the color by 10%, you get **15BEB5**, and if you desaturate by 10%, it is **3BBEB7**.

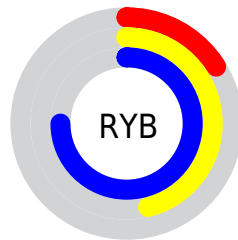
Distribution



Red (16%)

Green (75%)

Blue (71%)



Red (16%)

Yellow (46%)

Blue (75%)

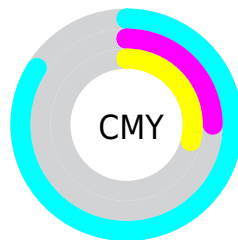


Cyan (79%)

Magenta (0%)

Yellow (4%)

Black (25%)



Cyan (84%)

Magenta (25%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 28BEB6 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 28BEB6 by changing the saturation by 10% instead.

 28BEB6

 28BEB6


FFFFFF

 00A39B

 71F7EE

 008881

 90FFFF

 006E68

 AFFFFFF

 005550

 CDFFFF

 003D39

 ECFFFF

 002824

 00010F

 000000

 28BEB6

 28BEB6

■ 15BEB5

■ 3BBEB7

■ 02BEB4

■ 4EBEB8

■ 00BEB4

■ 61BEB9

■ 74BEBA

■ 87BEBB

■ 9ABEBC

■ ADBEBD

■ C0BEBE

■ D3BEBF

Harmonies

Analogous

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



62BC91



28BEB6



00BCD8

Triad

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



28BEB6



BE9DE2



D7A068

Complementary

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



28BEB6



BE2830

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.



EB957F



28BEB6



E192C4

Square

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



28BEB6



8AAAF1



F08FA0



B7AD63

Rectangle

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



28BEB6



2EB8E8



F08FA0



DF9C6E

Sweetspot

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



28BEB6



BCF7F4



32BE28



597D7B



FCFCFC



7D7D7D

Same Dimension

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



28BEB6



0CF7EB



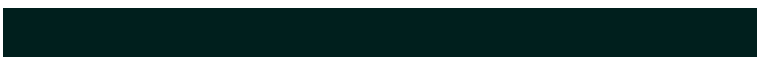
287DBE



555E5E



009E96



001F1D

Inverse Universe

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



BE2830



F70C19



BE6928



5E5555



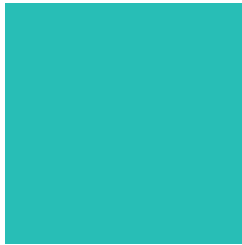
9E0008



1F0002

Previews

White Background



This preview shows how the Hex color 28BEB6 looks on a white background.

Color Contrast Check

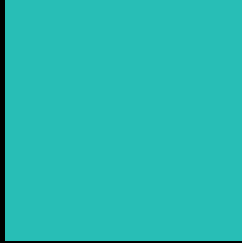
Large Text (above 18pt) WCAG AA × Fail

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 28BEB6 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

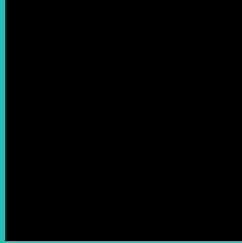
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

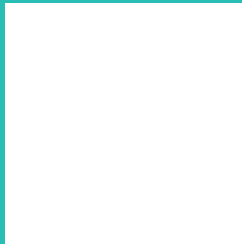
Any Text WCAG AAA ✓ Pass

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

Hex 28BEB6 Background



This preview shows how black text looks on a background with the Hex color 28BEB6.

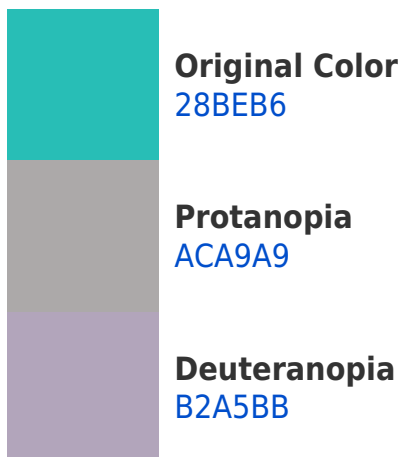


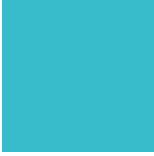
This preview shows how white text looks on a background with the Hex color 28BEB6.

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](#).

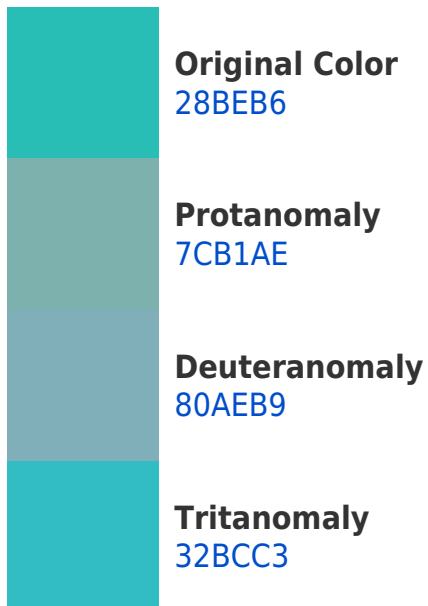
Dichromacy





Tritanopia
38BBCA

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 28BEB6 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 #28BEB6 looks like.

```
.text, #text, p{  
    color:#28BEB6  
}
```

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 #28BEB6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #28BEB6
}
```

Border

The CSS property to change the border of an element to Hex 28BEB6 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
#28BEB6 }
```

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

```
.border{ border-color:#28BEB6 }
```

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

Here you see how a box with a 4 pixel #28BEB6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #28BEB6; -webkit-box-shadow:4px 4px  
4px 4px #28BEB6; box-shadow:4px 4px 4px  
4px #28BEB6 }
```

Background

The CSS property to change the background color of an element to Hex 28BEB6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#28BEB6 }
```

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

```
.background{ background-color:#28BEB6 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor