

Converting Colors

Hex(28BABA)

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

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Color

Hex(28BABA)

Conversions

Conversions Part 1

Format	Color
Hex	28BABA
RGB	40, 186, 186
RGB Percent	16%, 73%, 73%
CMY	0.8431, 0.2706, 0.2706
CMYK	0.78, 0.00, 0.00, 0.27
HSL	180°, 65%, 44%
HSV	180°, 78%, 73%
XYZ	27.2969, 39.1141, 52.5655
YIQ	142.3460, -87.0160, -30.9520

Conversions

Conversions Part 2

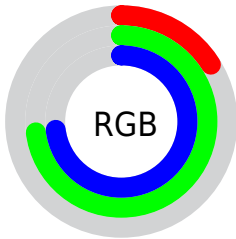
Format	Color
RYB	40, 113, 186
Decimal	2669242
CIELab	68.83, -35.78, -10.63
CIElCh	69, 37.325, 196.547
Yxy	39.1141, 0.2294, 0.3288
Android (android.graphics.Color)	4280859322 (0xFF28BABA)
YUV	142.3460, 21.5214, -89.7574
Hunter-Lab	62.5413, -31.5387, -6.0539

Details

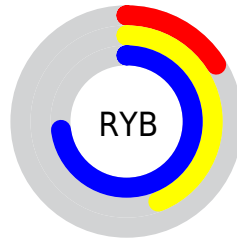
The Hex color **28BABA** is a dark color, and the websafe version is hex **33CCCC**. A complement of this color would be **BA2828**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **71F3F2**, and **008485** is the 20% darker color. If you saturate the color by 10%, you get **15BABA**, and if you desaturate by 10%, it is **3BBABA**.

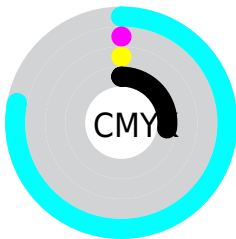
Distribution



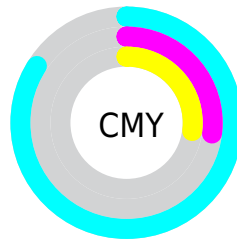
- Red (16%)
- Green (73%)
- Blue (73%)



- Red (16%)
- Yellow (44%)
- Blue (73%)



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



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

Brightness & Saturation Gradients

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

 28BABA

 28BABA

FFFFFF

 009F9F

 71F3F2

 008485

 90FFFF

 006A6C

 AEFFFF

 005254

 CDFFFF

 003A3D

 EBFFFF

 002527

 000113

 000000

 28BABA

 28BABA

■ 15BABA

■ 3BBABA

■ 03BABA

■ 4DBABA

■ 00BABA

■ 60BABA

■ 72BABA

■ 85BABA

■ 98BABA

■ AABABA

■ BDBABA

■ CFBABA

Harmonies

Analogous

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



5AB997



28BABA



1FB7D8

Triad

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



28BABA



C398D7



CCA166

Complementary

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



28BABA



BA2828

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.



E29578



28BABA



E08FB9

Square

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



28BABA



95A5E8



EA8E96



ACAC66

Rectangle

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



28BABA



47B3E5



EA8E96



D49D6B

Sweetspot

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



28BABA



B8F2F2



28BA28



577A7A



FAFAFA



7A7A7A

Same Dimension

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



28BABA



0FF2F2



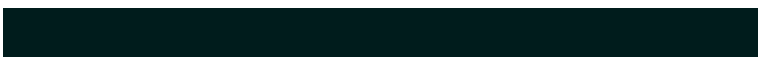
2871BA



535C5C



009C9C



001C1C

Inverse Universe

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



BA28BA



F20FF2



BA7128



5C535C



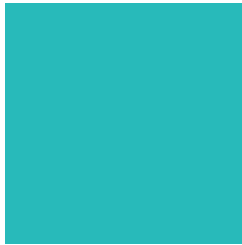
9C009C



1C001C

Previews

White Background



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

Color Contrast Check

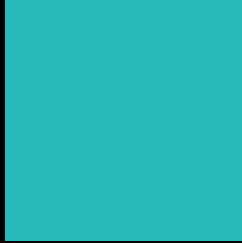
Large Text (above 18pt) WCAG AA × Fail

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 28BABA looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

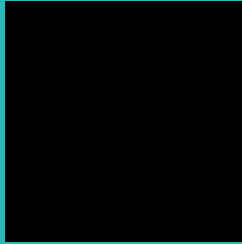
Any Text WCAG AA ✓ Pass

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 28BABA Background



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

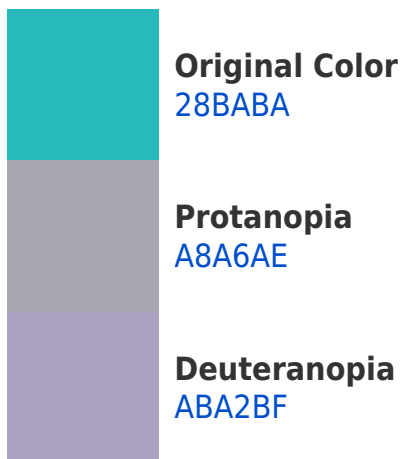


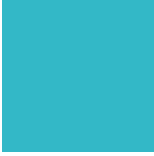
This preview shows how white text looks on a background with the Hex color 28BABA.

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
33B8C7

Trichromacy



Original Color
28BABA



Protanomaly
79ADB2



Deuteranomaly
7BABBD



Tritanomaly
2FB9C2

Monochromacy



Original Color
28BABA



Achromatopsia
8E8E8E



Achromatomaly
699E9E

CSS Examples

Text

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

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

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 #28BABA colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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