

Converting Colors

Hex(28A0BE)

Have a look what the booklet for
Hex(28A0BE) contains.

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Color

Hex(28A0BE)

Conversions

Conversions Part 1

Format	Color
Hex	28A0BE
RGB	40, 160, 190
RGB Percent	16%, 63%, 75%
CMY	0.8431, 0.3725, 0.2549
CMYK	0.79, 0.16, 0.00, 0.25
HSL	192°, 65%, 45%
HSV	192°, 79%, 75%
XYZ	22.7401, 29.3104, 53.1741
YIQ	127.5400, -81.1500, -16.1100

Conversions

Conversions Part 2

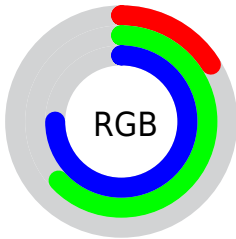
Format	Color
R_{YB}	40, 107, 190
Decimal	2662590
CIE _{Lab}	61.05, -21.73, -24.65
CIE _{LCh}	61, 32.859, 228.595
Yxy	29.3104, 0.2161, 0.2786
Android (android.graphics.Color)	4280852670 (0xFF28A0BE)
YUV	127.5400, 30.7928, -76.7726
Hunter-Lab	54.1391, -19.7678, -20.3358

Details

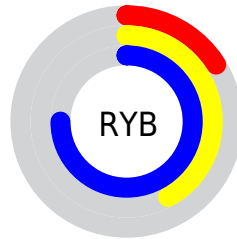
The Hex color **28A0BE** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **BE4628**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **6ED7F6**, and **006C89** is the 20% darker color. If you saturate the color by 10%, you get **159CBE**, and if you desaturate by 10%, it is **3BA4BE**.

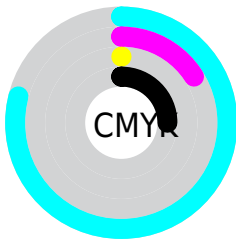
Distribution



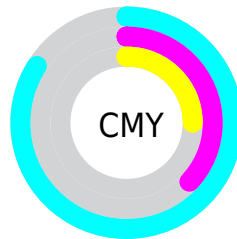
- Red (16%)
- Green (63%)
- Blue (75%)



- Red (16%)
- Yellow (42%)
- Blue (75%)



- Cyan (79%)
- Magenta (16%)
- Yellow (0%)
- Black (25%)



- Cyan (84%)
- Magenta (37%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color 28A0BE 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 28A0BE by changing the saturation by 10% instead.

 28A0BE

 28A0BE

FFFFFF

 0086A3

 6ED7F6

 006C89

 8DF3FF

 00546F

 ABFFFF

 003C57

 C9FFFF

 00263F

 E7FFFF

 000A29

 000114

 000000

 28A0BE

 28A0BE

■ 159CBE

■ 3BA4BE

■ 0298BE

■ 4EA8BE

■ 0098BE

■ 61ABBE

■ 74AFBE

■ 87B3BE

■ 9AB7BE

■ ADBBBE

■ C0EBE

■ D3C2BE

Harmonies

Analogous

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



28A3A5



28A0BE



5799CC

Triad

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



28A0BE



C57EA0



94975B

Complementary

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



28A0BE



BE4628

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.



B18E5A



28A0BE



CC7E82

Square

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



28A0BE



AD85BA



C58469



739E6C

Rectangle

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



28A0BE



7793CC



C58469



9E9459

Sweetspot

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



28A0BE



BCEBF7



28BE46



59767D



FCFCFC



7D7D7D

Same Dimension

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



28A0BE



0CC8F7



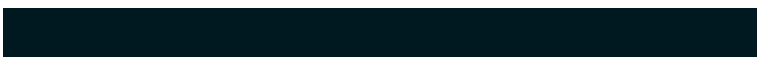
2855BE



555C5E



007E9E



00181F

Inverse Universe

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



BE28A0



F70CC8



BE9128



5E555C



9E007E



1F0018

Previews

White Background



This preview shows how the Hex color 28A0BE looks on a white background.

Color Contrast Check

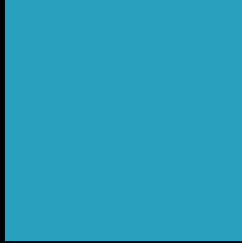
Large Text (above 18pt) WCAG AA ✓ Pass

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 28A0BE looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

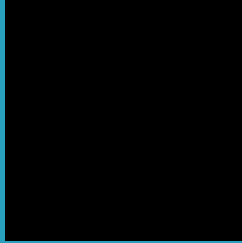
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex 28A0BE Background



This preview shows how black text looks on a background with the Hex color 28A0BE.

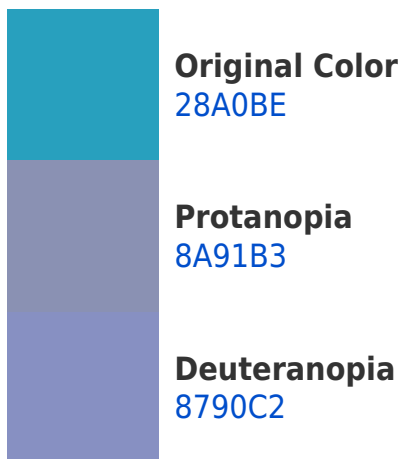


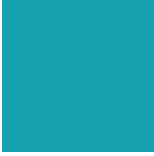
This preview shows how white text looks on a background with the Hex color 28A0BE.

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](#).

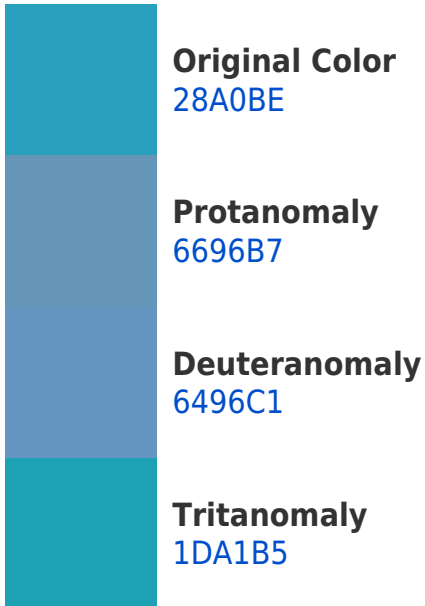
Dichromacy



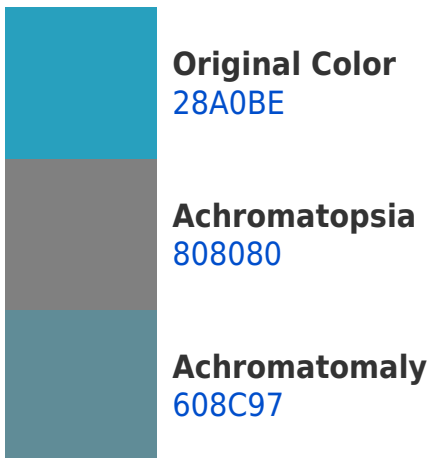


Tritanopia
17A2B0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 28A0BE 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 #28A0BE looks like.

```
.text, #text, p{  
    color:#28A0BE  
}
```

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 #28A0BE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #28A0BE
}
```

Border

The CSS property to change the border of an element to Hex 28A0BE 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
#28A0BE }
```

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

```
.border{ border-color:#28A0BE }
```

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

Here you see how a box with a 4 pixel #28A0BE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #28A0BE; -webkit-box-shadow:4px 4px  
4px 4px #28A0BE; box-shadow:4px 4px 4px  
4px #28A0BE }
```

Background

The CSS property to change the background color of an element to Hex 28A0BE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#28A0BE }
```

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

```
.background{ background-color:#28A0BE }
```

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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