

Converting Colors

Hex(28A0AD)

Have a look what the booklet for
Hex(28A0AD) contains.

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Color

Hex(28A0AD)

Conversions

Conversions Part 1

Format	Color
Hex	28A0AD
RGB	40, 160, 173
RGB Percent	16%, 63%, 68%
CMY	0.8431, 0.3725, 0.3216
CMYK	0.77, 0.08, 0.00, 0.32
HSL	186°, 62%, 42%
HSV	186°, 77%, 68%
XYZ	20.9887, 28.6099, 43.9512
YIQ	125.6020, -75.6930, -21.3970

Conversions

Conversions Part 2

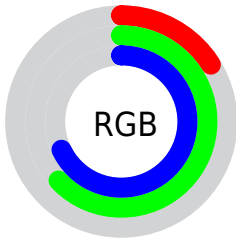
Format	Color
RYB	40, 103, 173
Decimal	2662573
CIELab	60.44, -27.25, -16.02
CIELCh	60, 31.609, 210.458
Yxy	28.6099, 0.2244, 0.3058
Android (android.graphics.Color)	4280852653 (0xFF28A0AD)
YUV	125.6020, 23.3672, -75.0730
Hunter-Lab	53.4882, -23.5611, -11.2768




Details

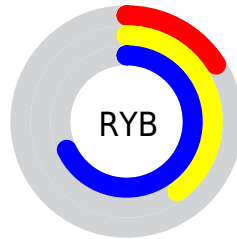
The Hex color **28A0AD** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **AD3528**, and the grayscale version is **7D7D7D**.




A 20% lighter version of the original color is **6CD7E4**, and **006C79** is the 20% darker color. If you saturate the color by 10%, you get **179EAD**, and if you desaturate by 10%, it is **39A2AD**.

Distribution







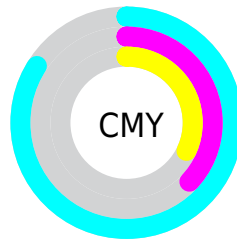
-  Red (16%)
-  Green (63%)
-  Blue (68%)






-  Red (16%)
-  Yellow (40%)
-  Blue (68%)



-  Cyan (77%)
-  Magenta (8%)
-  Yellow (0%)
-  Black (32%)



-  Cyan (84%)
-  Magenta (37%)
-  Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Hex color 28A0AD 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 28A0AD by changing the saturation by 10% instead.

 28A0AD

 28A0AD

FFFFFF

 008692

 6CD7E4

 006C79

 8AF4FF

 005360

 A7FFFF

 003C48

 C5FFFF

 002632

 E3FFFF

 00051D

 000000

 28A0AD

 28A0AD

 179EAD

 39A2AD

059DAD

4BA3AD

009CAD

5CA5AD

6DA7AD

7FA8AD

90AAAD

A1ACAD

B2AEAD

C4AFAD

Harmonies

Analogous

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



42A191



28A0AD



3E9CC1

Triad

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



28A0AD



B581AE



A4905A

Complementary

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



28A0AD



AD3528

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.



BB8762



28A0AD



C67C92

Square

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



28A0AD



968AC2



C77F77



879861

Rectangle

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



28A0AD



5C97C8



C77F77



AC8D5B

Sweetspot

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



28A0AD



ADDBE0



28AD33



516D70



F0F0F0



707070

Same Dimension

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



28A0AD



12CCE0



285FAD



4E5657



008896



001517

Inverse Universe

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



AD28A0



E012CC



AD7628



574E56



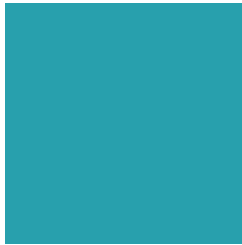
960088



170015

Previews

White Background



This preview shows how the Hex color 28A0AD 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 28A0AD looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

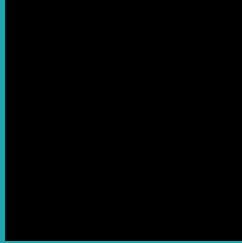
Any Text WCAG AA ✓ Pass

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 28A0AD Background



This preview shows how black text looks on a background with the Hex color 28A0AD.

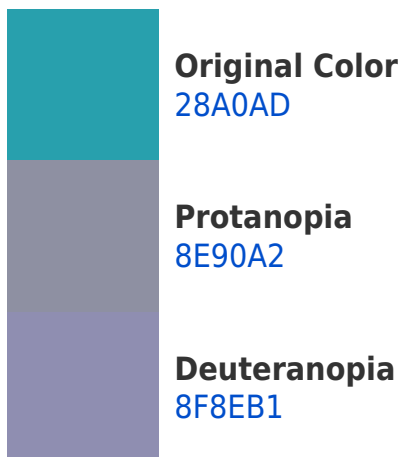


This preview shows how white text looks on a background with the Hex color 28A0AD.

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](#).

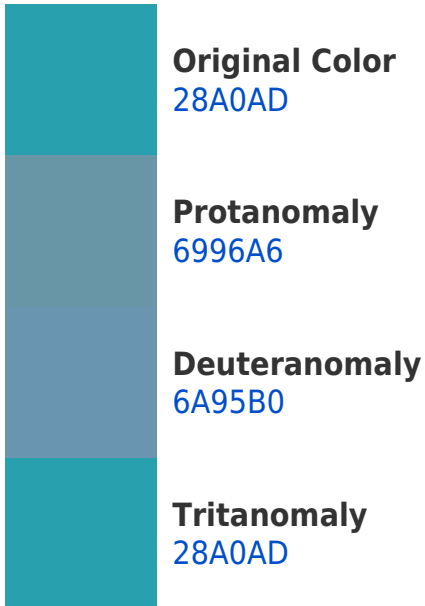
Dichromacy



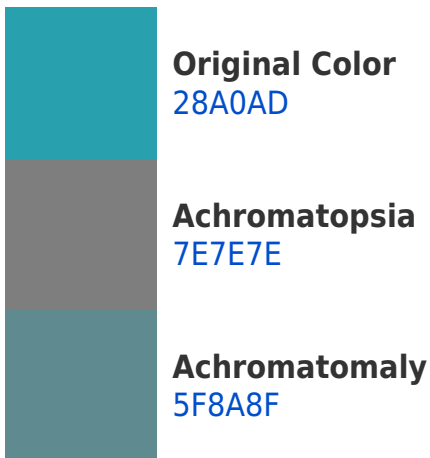


Tritanopia
28A0AD

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 28A0AD 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 #28A0AD looks like.

```
.text, #text, p{  
    color:#28A0AD  
}
```

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 #28A0AD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #28A0AD
}
```

Border

The CSS property to change the border of an element to Hex 28A0AD 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
#28A0AD }
```

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

```
.border{ border-color:#28A0AD }
```

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

Here you see how a box with a 4 pixel #28A0AD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #28A0AD; -webkit-box-shadow:4px 4px  
4px 4px #28A0AD; box-shadow:4px 4px 4px  
4px #28A0AD }
```

Background

The CSS property to change the background color of an element to Hex 28A0AD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#28A0AD }
```

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

```
.background{ background-color:#28A0AD }
```

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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