

# Converting Colors

Hex(28AAB5)

Have a look what the booklet for  
Hex(28AAB5) contains.

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**Color**

**Hex(28AAB5)**

# Conversions

## Conversions Part 1

Format	Color
Hex	28AAB5
RGB	40, 170, 181
RGB Percent	16%, 67%, 71%
CMY	0.8431, 0.3333, 0.2902
CMYK	0.78, 0.06, 0.00, 0.29
HSL	185°, 64%, 43%
HSV	185°, 78%, 71%
XYZ	23.5903, 32.5368, 48.7529
YIQ	132.3840, -81.0110, -24.1390

# Conversions

## Conversions Part 2

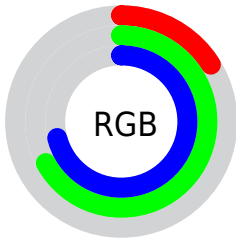
Format	Color
<a href="#">RYB</a>	<a href="#">40, 108, 181</a>
Decimal	<a href="#">2665141</a>
CIELab	<a href="#">63.78, -29.68, -15.45</a>
CIELCh	<a href="#">64, 33.456, 207.499</a>
Yxy	<a href="#">32.5368, 0.2249, 0.3102</a>
Android (android.graphics.Color)	<a href="#">4280855221</a> ( <a href="#">0xFF28AAB5</a> )
YUV	<a href="#">132.3840, 23.9677, -81.0208</a>
Hunter-Lab	<a href="#">57.0410, -26.0000, -10.7465</a>

# Details

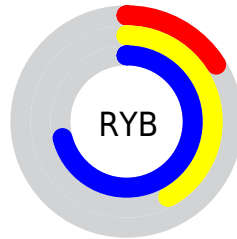
The Hex color **28AAB5** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **B53328**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **6EE2ED**, and **007580** is the 20% darker color. If you saturate the color by 10%, you get **16A9B5**, and if you desaturate by 10%, it is **3AABB5**.

# Distribution



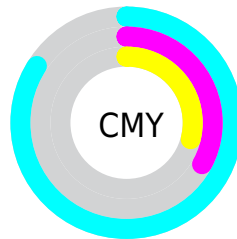
- Red (16%)
- Green (67%)
- Blue (71%)



- Red (16%)
- Yellow (42%)
- Blue (71%)



- Cyan (78%)
- Magenta (6%)
- Yellow (0%)
- Black (29%)



- Cyan (84%)
- Magenta (33%)
- Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 28AAB5 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 28AAB5 by changing the saturation by 10% instead.



 28AAB5

 28AAB5

FFFFFF

 008F9A

 6EE2ED

 007580

 8DFFFF

 005C67

 ABFFFF

 00444F

 C9FFFF

 002D38

 E7FFFF

 001723

 00000B

 000000

 28AAB5

 28AAB5

■ 16A9B5

■ 3AABB5

■ 04A7B5

■ 4CADB5

■ 00A7B5

■ 5EAEB5

■ 70B0B5

■ 83B1B5

■ 95B2B5

■ A7B4B5

■ B9B5B5

■ CBB7B5

# Harmonies

## Analogous

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



49AA97



28AAB5



3BA6CC

# Triad

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



28AAB5



BE89BB



B1985F

# Complementary

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



28AAB5



B53328

# 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.



C88E69



28AAB5



D2849E

# Square

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



28AAB5



9B94CF



D48680



92A165

# Rectangle

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



28AAB5



5BA1D4



D48680



BA9460



# Sweetspot

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



28AAB5



B5E6EB



28B531



547375



F5F5F5



757575



# Same Dimension

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



28AAB5



10DAEB



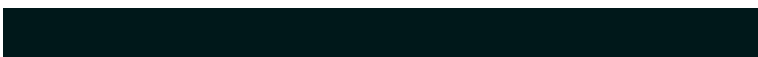
2865B5



505959



008D99



00181A



# Inverse Universe

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



B528AA



EB10DA



B57828



595059



99008D



1A0018



# Previews

## White Background



This preview shows how the Hex color 28AAB5 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 28AAB5 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

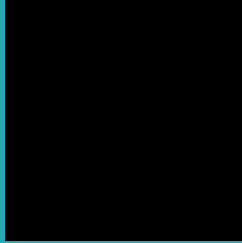
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 28AAB5 Background



This preview shows how black text looks on a background with the Hex color 28AAB5.

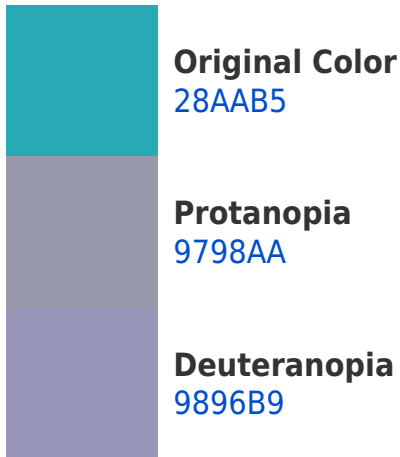


This preview shows how white text looks on a background with the Hex color 28AAB5.

# 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](#).

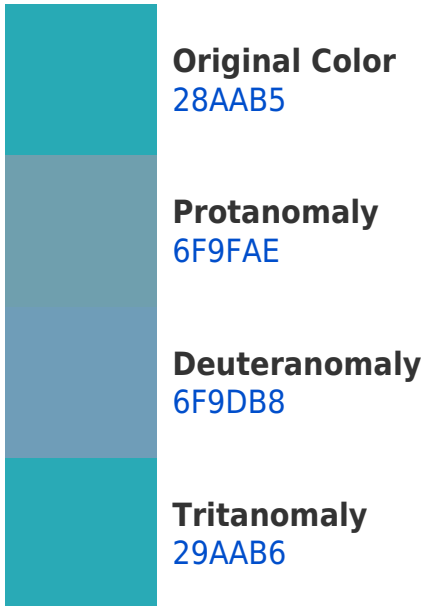
## Dichromacy



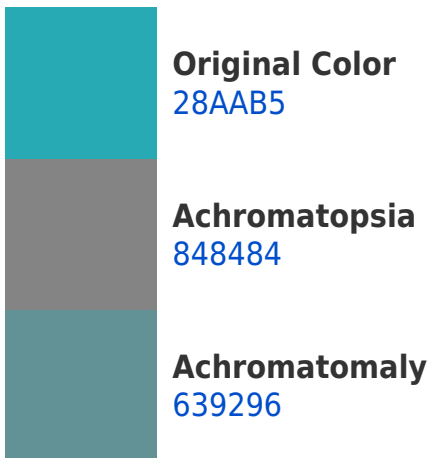


**Tritanopia**  
2AAAB7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 28AAB5 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 #28AAB5 looks like.

```
.text, #text, p{  
    color:#28AAB5  
}
```

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 #28AAB5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #28AAB5
}
```

## Border

The CSS property to change the border of an element to Hex 28AAB5 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
#28AAB5 }
```

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

```
.border{ border-color:#28AAB5 }
```

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

Here you see how a box with a 4 pixel #28AAB5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #28AAB5; -webkit-box-shadow:4px 4px  
4px 4px #28AAB5; box-shadow:4px 4px 4px  
4px #28AAB5 }
```

# Background

The CSS property to change the background color of an element to Hex 28AAB5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#28AAB5 }
```

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

```
.background{ background-color:#28AAB5 }
```

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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