

# Converting Colors

Hex(28A498)

Have a look what the booklet for  
Hex(28A498) contains.

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**Color**

**Hex(28A498)**

# Conversions

## Conversions Part 1

Format	Color
Hex	28A498
RGB	40, 164, 152
RGB Percent	16%, 64%, 60%
CMY	0.8431, 0.3569, 0.4039
CMYK	0.76, 0.00, 0.07, 0.36
HSL	174°, 61%, 40%
HSV	174°, 76%, 64%
XYZ	19.8180, 29.2690, 34.3107
YIQ	125.5560, -70.0520, -30.0200

# Conversions

## Conversions Part 2

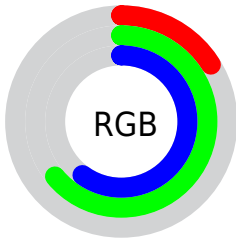
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	40, 105, 164
Decimal	2663576
CIE <sub>Lab</sub>	61.02, -35.49, -3.31
CIE <sub>LCh</sub>	61, 35.639, 185.326
Yxy	29.2690, 0.2376, 0.3510
Android (android.graphics.Color)	4280853656 (0xFF28A498)
YUV	125.5560, 13.0369, -75.0326
Hunter-Lab	54.1009, -29.2891, 0.2689

# Details

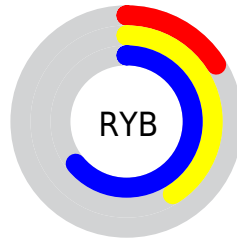
The Hex color **28A498** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **A42834**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **6ADCCE**, and **006F65** is the 20% darker color. If you saturate the color by 10%, you get **18A496**, and if you desaturate by 10%, it is **38A49A**.

# Distribution



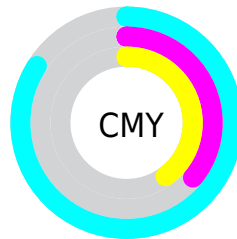
- Red (16%)
- Green (64%)
- Blue (60%)



- Red (16%)
- Yellow (41%)
- Blue (64%)



- Cyan (76%)
- Magenta (0%)
- Yellow (7%)
- Black (36%)



- Cyan (84%)
- Magenta (36%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 28A498 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 28A498 by changing the saturation by 10% instead.



 28A498

 28A498

FFFFFF

 00897E

 6ADCCE

 006F65

 88F8EA

 00564D

 A5FFFF

 003E37

 C3FFFF

 002821

 E0FFFF

 00070C

 000000

 28A498

 28A498

 18A496

 38A49A

07A495

49A49B

00A494

59A49D

6AA49E

7AA4A0

8AA4A2

9BA4A3

ABA4A5

BCA4A6

# Harmonies

## Analogous

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



5AA278



28A498



00A3B7

# Triad

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



28A498



9E89C7



BD885B

# Complementary

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



28A498



A42834

# 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.



CE7E70



28A498



BF7FAE

# Square

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



28A498



6E94D2



CF7A8F



A29354

# Rectangle

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



28A498



15A0C6



CF7A8F



C48560



# Sweetspot

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



28A498



A5D6D1



34A428



4D6B68



EBEBEB



6B6B6B



# Same Dimension

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



28A498



13D6C3



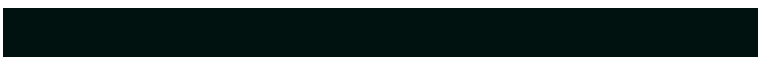
2872A4



495251



009183



001210



# Inverse Universe

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



A42834



D61326



A45A28



52494A



91000E

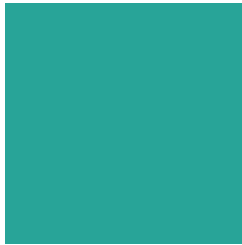


120002



# Previews

## White Background



This preview shows how the Hex color 28A498 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 28A498 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

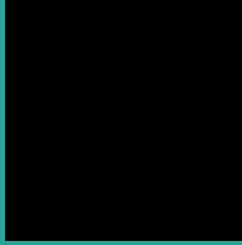
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 28A498 Background



This preview shows how black text looks on a background with the Hex color 28A498.

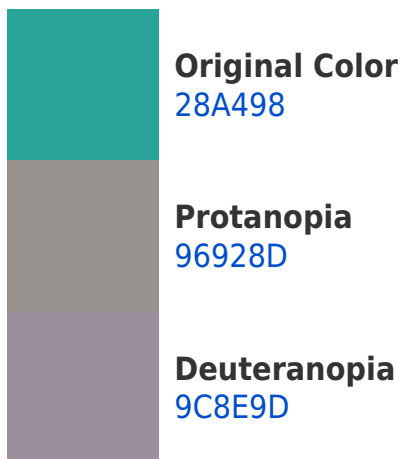


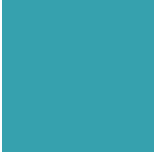
This preview shows how white text looks on a background with the Hex color 28A498.

# 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**  
36A1AE

# Trichromacy



**Original Color**  
28A498



**Protanomaly**  
6E9991



**Deuteranomaly**  
72969B



**Tritanomaly**  
31A2A6

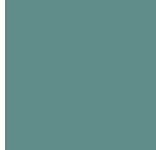
# Monochromacy



**Original Color**  
28A498



**Achromatopsia**  
7E7E7E



**Achromatomaly**  
5F8C87

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 28A498 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 #28A498 looks like.

```
.text, #text, p{  
    color:#28A498  
}
```

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 #28A498 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #28A498
}
```

## Border

The CSS property to change the border of an element to Hex 28A498 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
#28A498 }
```

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

```
.border{ border-color:#28A498 }
```

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

Here you see how a box with a 4 pixel #28A498 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #28A498; -webkit-box-shadow:4px 4px  
4px 4px #28A498; box-shadow:4px 4px 4px  
4px #28A498 }
```

# Background

The CSS property to change the background color of an element to Hex 28A498 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#28A498 }
```

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

```
.background{ background-color:#28A498 }
```

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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