

Converting Colors

Hex(28969A)

Have a look what the booklet for
Hex(28969A) contains.

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Color

Hex(28969A)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 28969A |
| RGB | 40, 150, 154 |
| RGB Percent | 16%, 59%, 60% |
| CMY | 0.8431, 0.4118, 0.3961 |
| CMYK | 0.74, 0.03, 0.00, 0.40 |
| HSL | 182°, 59%, 38% |
| HSV | 182°, 74%, 60% |
| XYZ | 17.6142, 24.5969, 34.3912 |
| YIQ | 117.5660, -66.8440, -22.0760 |

Conversions

Conversions Part 2

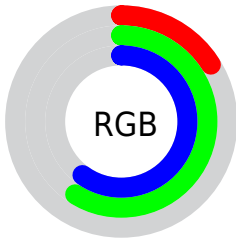
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 40, 96, 154 |
| Decimal | 2659994 |
| CIELab | 56.68, -28.21, -10.89 |
| CIELCh | 57, 30.243, 201.112 |
| Yxy | 24.5969, 0.2299, 0.3211 |
| Android (android.graphics.Color) | 4280850074 (0xFF28969A) |
| YUV | 117.5660, 17.9620, -68.0254 |
| Hunter-Lab | 49.5953, -23.3960, -6.3972 |

Details

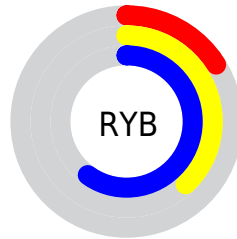
The Hex color **28969A** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **9A2C28**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **68CDD0**, and **006367** is the 20% darker color. If you saturate the color by 10%, you get **19959A**, and if you desaturate by 10%, it is **37979A**.

Distribution



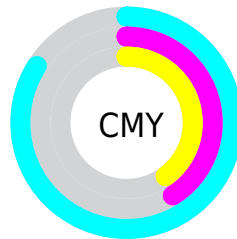
- Red (16%)
- Green (59%)
- Blue (60%)



- Red (16%)
- Yellow (38%)
- Blue (60%)



- Cyan (74%)
- Magenta (3%)
- Yellow (0%)
- Black (40%)



- Cyan (84%)
- Magenta (41%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 28969A 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 28969A by changing the saturation by 10% instead.

 28969A

 28969A

FFFFFF

 007C80

 68CDD0

 006367

 86E9ED

 004A4F

 A3FFFF

 003338

 C0FFFF

 002023

 DDFFFF

 00000C

 FBFFFF

 000000

 28969A

 28969A

 19959A

 37979A

■ 09959A

■ 47979A

■ 00959A

■ 56989A

■ 66989A

■ 75999A

■ 84999A

■ 949A9A

■ A39A9A

■ B39B9A

Harmonies

Analogous

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



47967F



28969A



2D93B0

Triad

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



28969A



A27BA9



A18454

Complementary

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



28969A



9A2C28

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.



B47B60



28969A



B67491

Square

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



28969A



8084B9



BC7576



878C56

Rectangle

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



28969A



478FB9



BC7576



A88156

Sweetspot

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



28969A



9DC8C9



289A2C



4B6566



E6E6E6



666666

Same Dimension

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



28969A



16C3C9



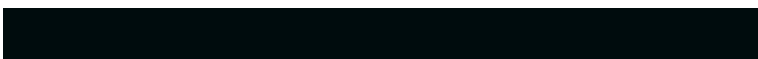
285D9A



454C4D



00878C



000C0D

Inverse Universe

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



9A2896



C916C3



9A6528



4D454C



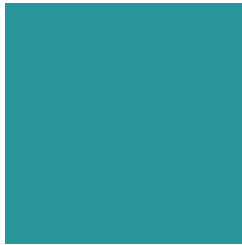
8C0087



0D000C

Previews

White Background



This preview shows how the Hex color 28969A looks on a white background.

Color Contrast Check

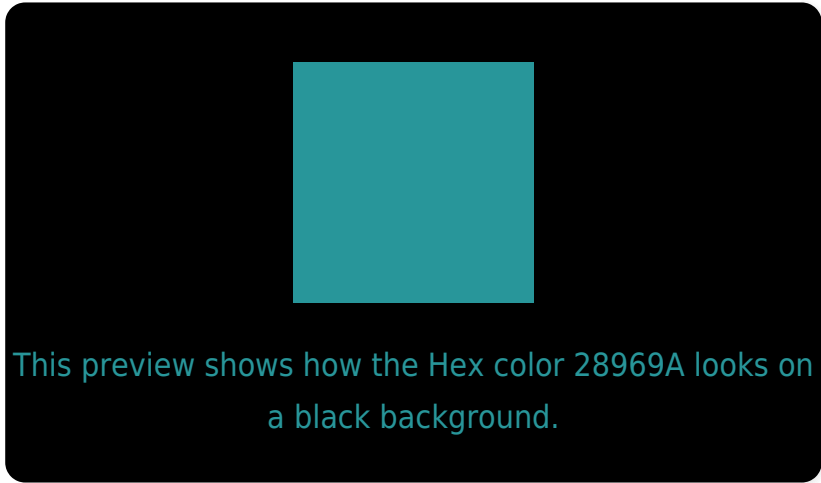
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

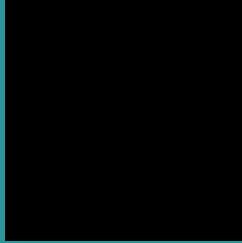
Any Text WCAG AA ✓ Pass

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 28969A Background



This preview shows how black text looks on a background with the Hex color 28969A.

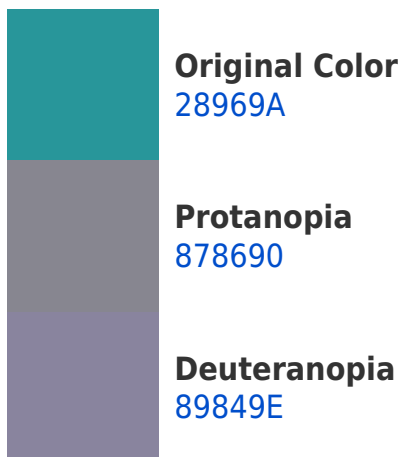


This preview shows how white text looks on a background with the Hex color 28969A.

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
2D95A1

Trichromacy



Original Color
28969A



Protanomaly
648C94



Deuteranomaly
668B9D



Tritanomaly
2B959E

Monochromacy



Original Color
28969A



Achromatopsia
767676



Achromatomaly
5A8283

CSS Examples

Text

The CSS property to change the color of the text to Hex 28969A 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 #28969A looks like.

```
.text, #text, p{  
    color:#28969A  
}
```

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 #28969A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #28969A
}
```

Border

The CSS property to change the border of an element to Hex 28969A 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
#28969A }
```

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

```
.border{ border-color:#28969A }
```

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

Here you see how a box with a 4 pixel #28969A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #28969A; -webkit-box-shadow:4px 4px  
4px 4px #28969A; box-shadow:4px 4px 4px  
4px #28969A }
```

Background

The CSS property to change the background color of an element to Hex 28969A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#28969A }
```

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

```
.background{ background-color:#28969A }
```

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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