

Converting Colors

Hex(30958A)

Have a look what the booklet for
Hex(30958A) contains.

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Color

Hex(30958A)

Conversions

Conversions Part 1

Format	Color
Hex	30958A
RGB	48, 149, 138
RGB Percent	19%, 58%, 54%
CMY	0.8118, 0.4157, 0.4588
CMYK	0.68, 0.00, 0.07, 0.42
HSL	173°, 51%, 39%
HSV	173°, 68%, 58%
XYZ	16.5538, 23.9582, 27.7967
YIQ	117.5470, -56.6650, -24.8330

Conversions

Conversions Part 2

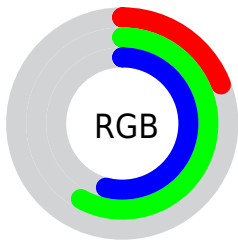
Format	Color
RYB	48, 101, 149
Decimal	3184010
CIELab	56.05, -31.32, -2.66
CIELCh	56, 31.429, 184.850
Yxy	23.9582, 0.2423, 0.3507
Android (android.graphics.Color)	4281374090 (0xFF30958A)
YUV	117.5470, 10.0833, -60.9927
Hunter-Lab	48.9472, -25.2893, 0.5927




Details

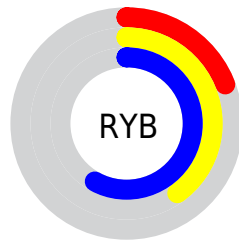
The Hex color **30958A** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **95303B**, and the grayscale version is **757575**.




A 20% lighter version of the original color is **6CCCBF**, and **006258** is the 20% darker color. If you saturate the color by 10%, you get **219588**, and if you desaturate by 10%, it is **3F958C**.

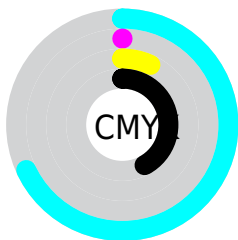
Distribution







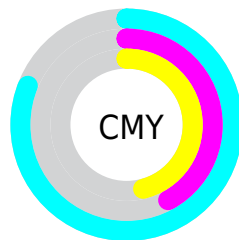
-  Red (19%)
-  Green (58%)
-  Blue (54%)






-  Red (19%)
-  Yellow (40%)
-  Blue (58%)



-  Cyan (68%)
-  Magenta (0%)
-  Yellow (7%)
-  Black (42%)



-  Cyan (81%)
-  Magenta (42%)
-  Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color 30958A 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 30958A by changing the saturation by 10% instead.

 30958A

 30958A

FFFFFF

 007B71

 6CCCBF

 006258

 88E8DB

 004941

 A5FFF8

 00322B

 C2FFFF

 001E17

 DFFFFF

 000000

FDFFFF

 30958A

 30958A

 219588

 3F958C

■ 129587

■ 4E958D

■ 039585

■ 5D958F

■ 009585

■ 6C9590

■ 7B9592

■ 899594

■ 989595

■ A79597

■ B69599

Harmonies

Analogous

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



56936E



30958A



1194A5

Triad

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



30958A



8F7EB3



AB7D55

Complementary

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



30958A



95303B

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.



B97468



30958A



AC759E

Square

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



30958A



6688BC



BB7183



94864F

Rectangle

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



30958A



2691B2



BB7183



B17A5B

Sweetspot

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



30958A



9BC2BE



3C9530



4A615E



E0E0E0



616161

Same Dimension

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



30958A



25C2B1



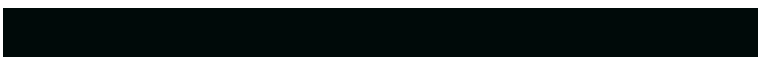
306E95



434A49



008A7B



000A09

Inverse Universe

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



95303B



C22536



955730



4A4343



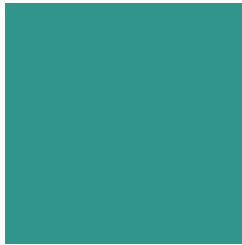
8A000F



0A0001

Previews

White Background



This preview shows how the Hex color 30958A looks on a white background.

Color Contrast Check

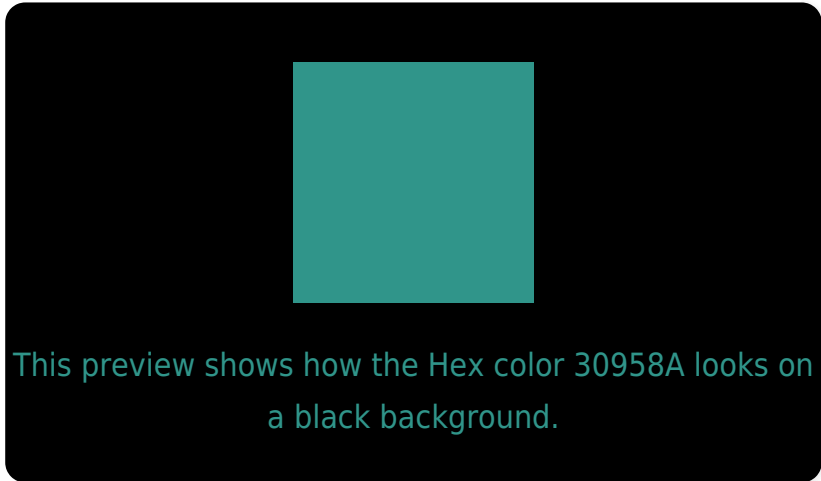
Large Text (above 18pt) WCAG AA ✓ Pass

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

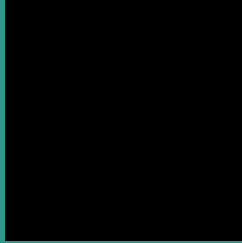
Any Text WCAG AA ✓ Pass

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 30958A Background



This preview shows how black text looks on a background with the Hex color 30958A.

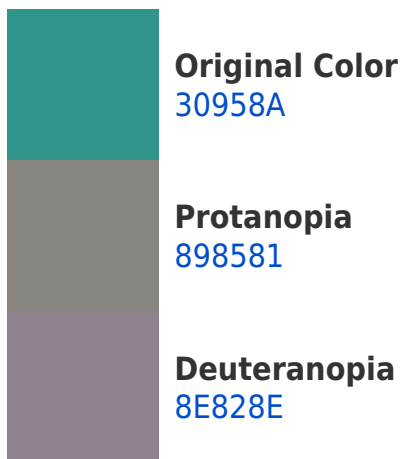



This preview shows how white text looks on a background with the Hex color 30958A.

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
3A929E

Trichromacy



Original Color
30958A



Protanomaly
698B84



Deuteranomaly
6C898D



Tritanomaly
369397

Monochromacy



Original Color
30958A



Achromatopsia
767676



Achromatomaly
5D817D

CSS Examples

Text

The CSS property to change the color of the text to Hex 30958A 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 #30958A looks like.

```
.text, #text, p{  
    color:#30958A  
}
```

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 #30958A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #30958A
}
```

Border

The CSS property to change the border of an element to Hex 30958A 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
#30958A }
```

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

```
.border{ border-color:#30958A }
```

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

Here you see how a box with a 4 pixel #30958A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #30958A; -webkit-box-shadow:4px 4px  
4px 4px #30958A; box-shadow:4px 4px 4px  
4px #30958A }
```

Background

The CSS property to change the background color of an element to Hex 30958A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#30958A }
```

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

```
.background{ background-color:#30958A }
```

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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