

Converting Colors

Hex(30949A)

Have a look what the booklet for
Hex(30949A) contains.

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Color

Hex(30949A)

Conversions

Conversions Part 1

Format	Color
Hex	30949A
RGB	48, 148, 154
RGB Percent	19%, 58%, 60%
CMY	0.8118, 0.4196, 0.3961
CMYK	0.69, 0.04, 0.00, 0.40
HSL	183°, 52%, 40%
HSV	183°, 69%, 60%
XYZ	17.6416, 24.1413, 34.3018
YIQ	118.7840, -61.5260, -19.3340

Conversions

Conversions Part 2

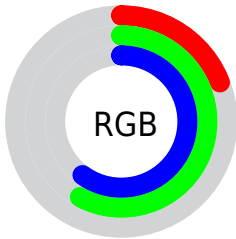
Format	Color
RYB	48, 99, 154
Decimal	3183770
CIELab	56.23, -26.12, -11.55
CIELCh	56, 28.560, 203.863
Yxy	24.1413, 0.2319, 0.3173
Android (android.graphics.Color)	4281373850 (0xFF30949A)
YUV	118.7840, 17.3615, -62.0776
Hunter-Lab	49.1338, -21.8934, -6.9985




Details

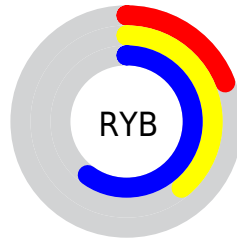
The Hex color **30949A** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **9A3630**, and the grayscale version is **777777**.



A 20% lighter version of the original color is **6DCAD0**, and **006167** is the 20% darker color. If you saturate the color by 10%, you get **21939A**, and if you desaturate by 10%, it is **3F959A**.

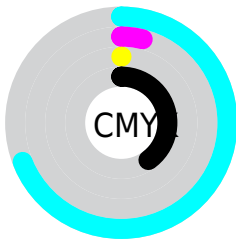
Distribution







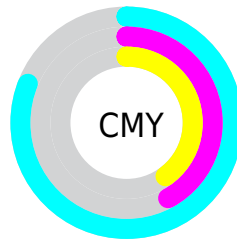
-  Red (19%)
-  Green (58%)
-  Blue (60%)






-  Red (19%)
-  Yellow (39%)
-  Blue (60%)



-  Cyan (69%)
-  Magenta (4%)
-  Yellow (0%)
-  Black (40%)



-  Cyan (81%)
-  Magenta (42%)
-  Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 30949A 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 30949A by changing the saturation by 10% instead.

 30949A

 30949A


FFFFFF

 007A80

 6DCAD0

 006167

 8AE7ED

 00494F

 A7FFFF

 003238

 C4FFFF

 001F23

 E1FFFF

 00000C

 000000

 30949A

 30949A

 21939A

 3F959A

■ 11929A

■ 4F969A

■ 02919A

■ 5E979A

■ 00919A

■ 6E979A

■ 7D989A

■ 8C999A

■ 9C9A9A

■ AB9B9A

■ BB9C9A

Harmonies

Analogous

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



489481



30949A



3891AE

Triad

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



30949A



A17AA4



9C8455

Complementary

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



30949A



9A3630

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.



AF7B60



30949A



B4748D

Square

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



30949A



8382B4



B87574



838B59

Rectangle

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



30949A



4F8DB6



B87574



A38157

Sweetspot

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



30949A



9FC7C9



309A35



4D6566



E6E6E6



666666

Same Dimension

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



30949A



22C0C9



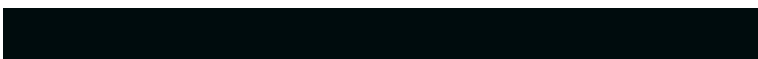
30609A



454C4D



00848C



000C0D

Inverse Universe

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



9A3094



C922C0



9A6A30



4D454C



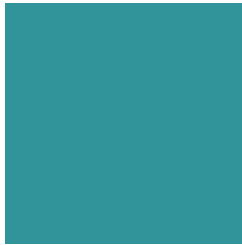
8C0084



0D000C

Previews

White Background



This preview shows how the Hex color 30949A looks on a white background.

Color Contrast Check

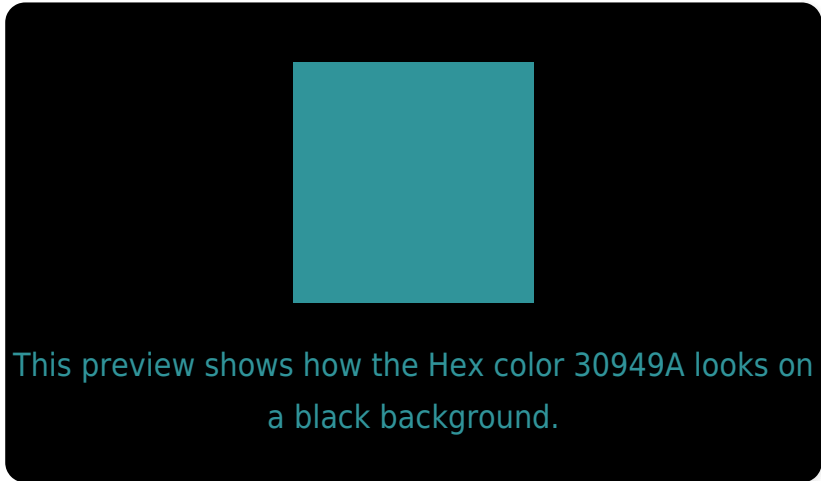
Large Text (above 18pt) WCAG AA ✓ Pass

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

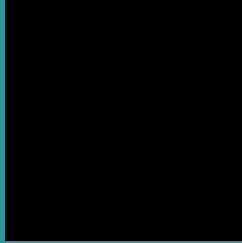
Any Text WCAG AA ✓ Pass

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 30949A Background



This preview shows how black text looks on a background with the Hex color 30949A.

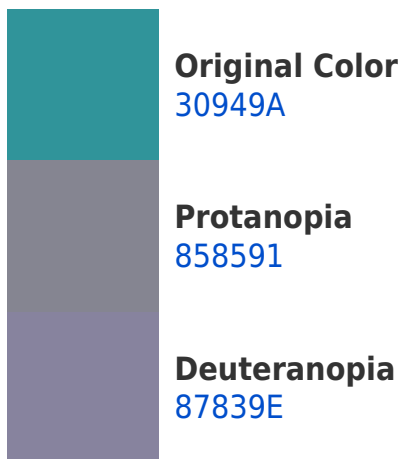


This preview shows how white text looks on a background with the Hex color 30949A.

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
33939F

Trichromacy



Original Color
30949A



Protanomaly
668A94



Deuteranomaly
67899D



Tritanomaly
32939D

Monochromacy



Original Color
30949A



Achromatopsia
777777



Achromatomaly
5D8284

CSS Examples

Text

The CSS property to change the color of the text to Hex 30949A 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 #30949A looks like.

```
.text, #text, p{  
    color:#30949A  
}
```

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 #30949A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #30949A
}
```

Border

The CSS property to change the border of an element to Hex 30949A 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
#30949A }
```

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

```
.border{ border-color:#30949A }
```

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

Here you see how a box with a 4 pixel #30949A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #30949A; -webkit-box-shadow:4px 4px  
4px 4px #30949A; box-shadow:4px 4px 4px  
4px #30949A }
```

Background

The CSS property to change the background color of an element to Hex 30949A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#30949A }
```

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

```
.background{ background-color:#30949A }
```

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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