

Converting Colors

Hex(349278)

Have a look what the booklet for
Hex(349278) contains.

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Color

Hex(349278)

Conversions

Conversions Part 1

Format	Color
Hex	349278
RGB	52, 146, 120
RGB Percent	20%, 57%, 47%
CMY	0.7961, 0.4275, 0.5294
CMYK	0.64, 0.00, 0.18, 0.43
HSL	163°, 47%, 39%
HSV	163°, 64%, 57%
XYZ	15.0852, 22.6439, 21.3449
YIQ	114.9300, -47.6780, -28.0140

Conversions

Conversions Part 2

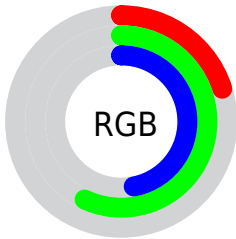
Format	Color
RYB	52, 107, 146
Decimal	3445368
CIELab	54.70, -34.04, 5.72
CIElCh	55, 34.522, 170.462
Yxy	22.6439, 0.2554, 0.3833
Android (android.graphics.Color)	4281635448 (0xFF349278)
YUV	114.9300, 2.4995, -55.1896
Hunter-Lab	47.5856, -26.6881, 6.7149

Details

The Hex color **349278** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **92344E**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **6DC9AC**, and **005F48** is the 20% darker color. If you saturate the color by 10%, you get **259274**, and if you desaturate by 10%, it is **43927C**.

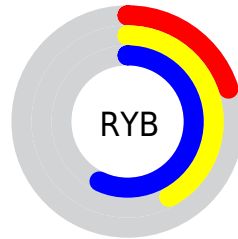
Distribution



Red (20%)

Green (57%)

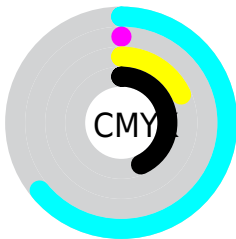
Blue (47%)



Red (20%)

Yellow (42%)

Blue (57%)

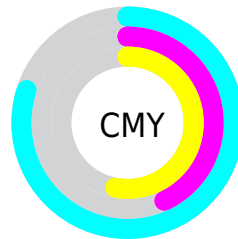


Cyan (64%)

Magenta (0%)

Yellow (18%)

Black (43%)



Cyan (80%)

Magenta (43%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 349278 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 349278 by changing the saturation by 10% instead.


 349278

 349278

FFFFFF

 0E785F

 6DC9AC

 005F48

 89E5C8

 004631

 A5FFE4

 002F1C

 C2FFFF

 001902

 DFFFFFF

 000000

 FCFFFF

 349278

 349278

 259274

 43927C

■ 179270

■ 519280

■ 08926C

■ 609284

■ 00926A

■ 6E9288

■ 7D928C

■ 8C9290

■ 9A9294

■ A99298

■ B7929C

Harmonies

Analogous

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



5F8E5C



349278



009297

Triad

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



349278



787FBB



B37356

Complementary

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



349278



92344E

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.



BD6C70



349278



9F74A9

Square

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



349278



4189BD



B66C8E



9E7E48

Rectangle

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



349278



0091A9



B66C8E



B8705E

Sweetspot

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



349278



99BDB3



4F9234



495E58



DEDEDE



5E5E5E

Same Dimension

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



349278



2BBD95



347E92



434A48



008A64



000A07

Inverse Universe

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



92344E



BD2B54



924834



4A4345



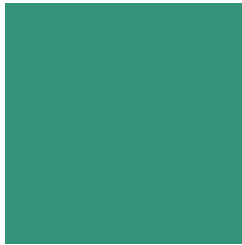
8A0026



0A0003

Previews

White Background



This preview shows how the Hex color 349278 looks on a white background.

Color Contrast Check

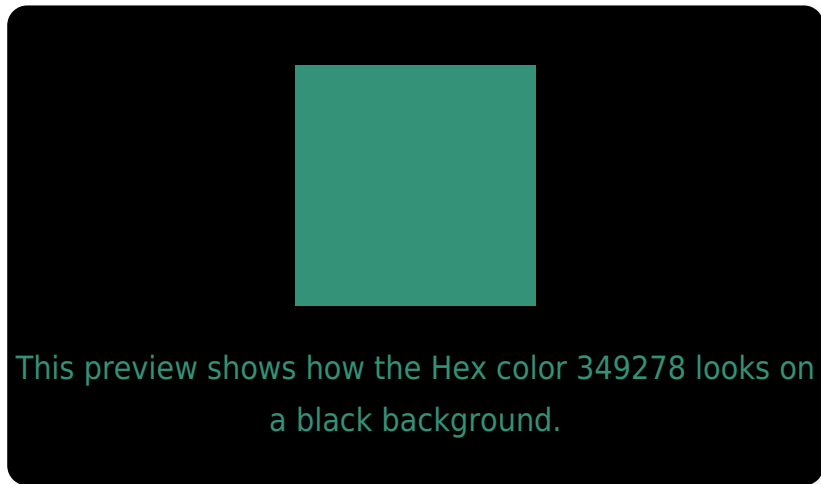
Large Text (above 18pt) WCAG AA ✓ Pass

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

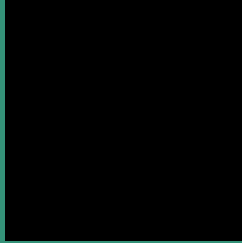
Any Text WCAG AA ✓ Pass

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 349278 Background



This preview shows how black text looks on a background with the Hex color 349278.

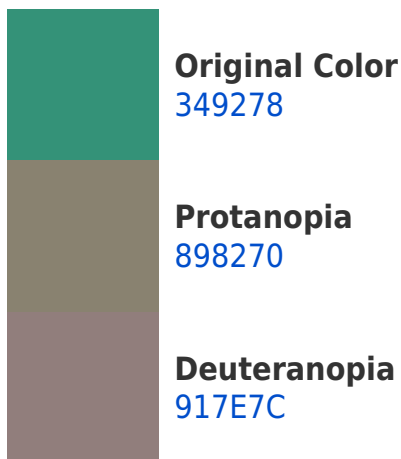


This preview shows how white text looks on a background with the Hex color 349278.

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
418D99

Trichromacy



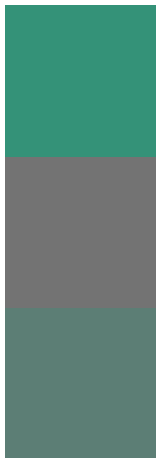
Original Color
349278

Protanomaly
6A8873

Deuteranomaly
6F857B

Tritanomaly
3C8F8D

Monochromacy



Original Color
349278

Achromatopsia
737373

Achromatomaly
5C7E75

CSS Examples

Text

The CSS property to change the color of the text to Hex 349278 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 #349278 looks like.

```
.text, #text, p{  
    color:#349278  
}
```

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 #349278 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #349278
}
```

Border

The CSS property to change the border of an element to Hex 349278 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
#349278 }
```

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

```
.border{ border-color:#349278 }
```

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

Here you see how a box with a 4 pixel #349278 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #349278; -webkit-box-shadow:4px 4px  
4px 4px #349278; box-shadow:4px 4px 4px  
4px #349278 }
```

Background

The CSS property to change the background color of an element to Hex 349278 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#349278 }
```

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

```
.background{ background-color:#349278 }
```

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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