

Converting Colors

Hex(349D9A)

Have a look what the booklet for
Hex(349D9A) contains.

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Color

Hex(349D9A)

Conversions

Conversions Part 1

Format	Color
Hex	349D9A
RGB	52, 157, 154
RGB Percent	20%, 62%, 60%
CMY	0.7961, 0.3843, 0.3961
CMYK	0.67, 0.00, 0.02, 0.38
HSL	178°, 50%, 41%
HSV	178°, 67%, 62%
XYZ	19.3059, 27.1771, 34.8000
YIQ	125.2630, -61.6170, -23.1930

Conversions

Conversions Part 2

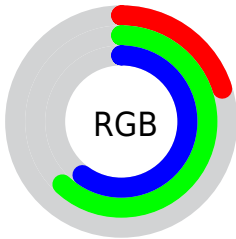
Format	Color
RYB	52, 105, 157
Decimal	3448218
CIELab	59.14, -29.96, -7.19
CIElCh	59, 30.808, 193.504
Yxy	27.1771, 0.2375, 0.3344
Android (android.graphics.Color)	4281638298 (0xFF349D9A)
YUV	125.2630, 14.1673, -64.2517
Hunter-Lab	52.1317, -25.1266, -3.0864

Details

The Hex color **349D9A** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **9D3437**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **71D4D0**, and **006967** is the 20% darker color. If you saturate the color by 10%, you get **249D9A**, and if you desaturate by 10%, it is **449D9A**.

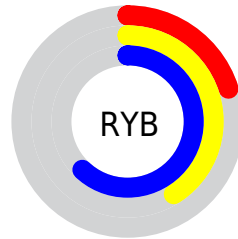
Distribution



Red (20%)

Green (62%)

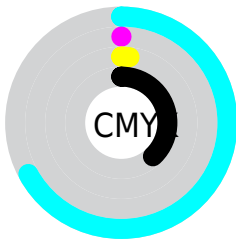
Blue (60%)



Red (20%)

Yellow (41%)

Blue (62%)

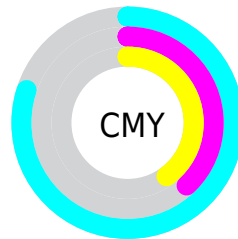


Cyan (67%)

Magenta (0%)

Yellow (2%)

Black (38%)



Cyan (80%)

Magenta (38%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 349D9A 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 349D9A by changing the saturation by 10% instead.

 349D9A

 349D9A

FFFFFF

 038380

 71D4D0

 006967

 8EF1ED

 00504F

 ABFFFF

 003938

 C8FFFF

 002423

 E5FFFF

 00010E

 000000

 349D9A

 349D9A

 249D9A

 449D9A

■ 159D99

■ 539D9B

■ 059D99

■ 639D9B

■ 009D99

■ 739D9C

■ 839D9C

■ 929D9D

■ A29D9D

■ B29D9E

■ C19D9E

Harmonies

Analogous

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



559C7E



349D9A



2C9BB3

Triad

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



349D9A



A183B6



AE885B

Complementary

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



349D9A



9D3437

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.



BF7F6A



349D9A



BA7B9E

Square

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



349D9A



7C8DC3



C47A83



949159

Rectangle

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



349D9A



4298BE



C47A83



B4845F

Sweetspot

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



349D9A



A3CCCB



379D34



4E6665



E6E6E6



666666

Same Dimension

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



349D9A



29CCC7



346C9D



474F4F



008F8B



000F0F

Inverse Universe

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



9D3437



CC292D



9D6534



4F4747



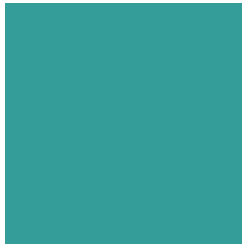
8F0004



0F0000

Previews

White Background



This preview shows how the Hex color 349D9A 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

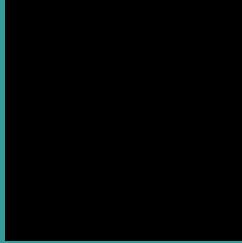
Any Text WCAG AA ✓ Pass

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 349D9A Background



This preview shows how black text looks on a background with the Hex color 349D9A.

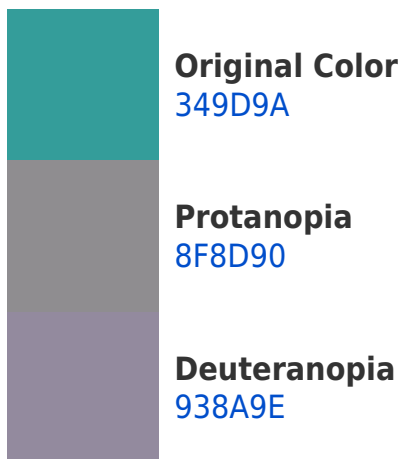


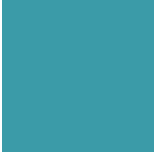
This preview shows how white text looks on a background with the Hex color 349D9A.

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](#).

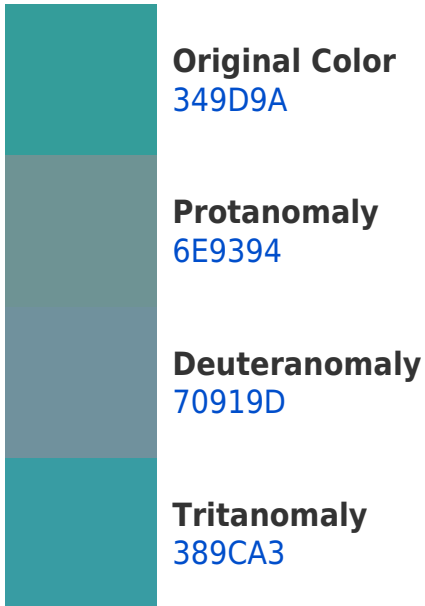
Dichromacy



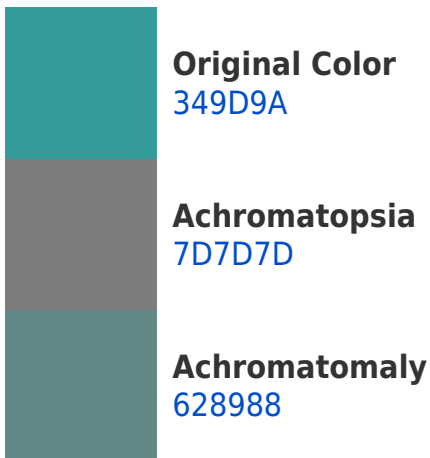


Tritanopia
3B9BA8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 349D9A 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 #349D9A looks like.

```
.text, #text, p{  
    color:#349D9A  
}
```

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 #349D9A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #349D9A
}
```

Border

The CSS property to change the border of an element to Hex 349D9A 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
#349D9A }
```

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

```
.border{ border-color:#349D9A }
```

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

Here you see how a box with a 4 pixel #349D9A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #349D9A; -webkit-box-shadow:4px 4px  
4px 4px #349D9A; box-shadow:4px 4px 4px  
4px #349D9A }
```

Background

The CSS property to change the background color of an element to Hex 349D9A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#349D9A }
```

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

```
.background{ background-color:#349D9A }
```

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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