

Converting Colors

Hex(39949D)

Have a look what the booklet for
Hex(39949D) contains.

Hex(39949D)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(39949D)

Conversions

Conversions Part 1

Format	Color
Hex	39949D
RGB	57, 148, 157
RGB Percent	22%, 58%, 62%
CMY	0.7765, 0.4196, 0.3843
CMYK	0.64, 0.06, 0.00, 0.38
HSL	185°, 47%, 42%
HSV	185°, 64%, 62%
XYZ	18.3631, 24.4840, 35.6563
YIQ	121.8170, -57.1250, -16.4930

Conversions

Conversions Part 2

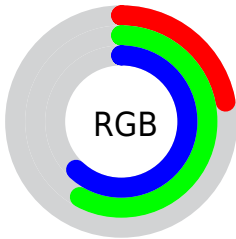
Format	Color
RYB	57, 105, 157
Decimal	3773597
CIELab	56.57, -23.75, -12.74
CIELCh	57, 26.948, 208.203
Yxy	24.4840, 0.2339, 0.3119
Android (android.graphics.Color)	4281963677 (0xFF39949D)
YUV	121.8170, 17.3452, -56.8445
Hunter-Lab	49.4813, -20.3490, -8.0876




Details

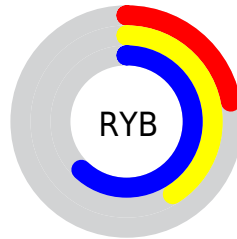
The Hex color **39949D** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **9D4239**, and the grayscale version is **7A7A7A**.




A 20% lighter version of the original color is **74CAD4**, and **00616A** is the 20% darker color. If you saturate the color by 10%, you get **29939D**, and if you desaturate by 10%, it is **49959D**.

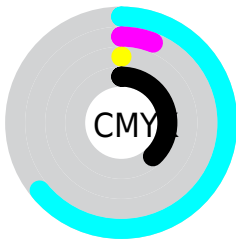
Distribution







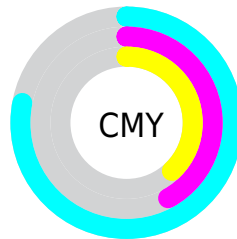
-  Red (22%)
-  Green (58%)
-  Blue (62%)






-  Red (22%)
-  Yellow (41%)
-  Blue (62%)



-  Cyan (64%)
-  Magenta (6%)
-  Yellow (0%)
-  Black (38%)



-  Cyan (78%)
-  Magenta (42%)
-  Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Hex color 39949D 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 39949D by changing the saturation by 10% instead.

 39949D

 39949D

FFFFFF

 137A83

 74CAD4

 00616A

 90E7F0

 004952

 ADFFFF

 00323B

 CAFFFF

 001E25

 E7FFFF

 000110

 000000

 39949D

 39949D

 29939D

 49959D

■ 1A919D

■ 58979D

■ 0A909D

■ 68989D

■ 008F9D

■ 789A9D

■ 889B9D

■ 979C9D

■ A79E9D

■ B79F9D

■ C6A19D

Harmonies

Analogous

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



4A9485



39949D



4591AF

Triad

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



39949D



A47AA1



998659

Complementary

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



39949D



9D4239

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.



AC7E61



39949D



B4768A

Square

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



39949D



8982B1



B67873



818D5E

Rectangle

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



39949D



5A8DB5



B67873



A0835A

Sweetspot

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



39949D



A5C9CC



399D41



4F6466



E6E6E6



666666

Same Dimension

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



39949D



31BECC



39639D



474E4F



00828F



000E0F

Inverse Universe

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



9D3994



CC31BE



9D7339



4F474E



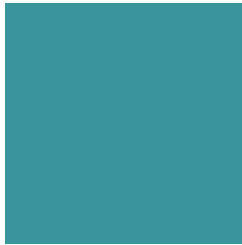
8F0082



0F000E

Previews

White Background



This preview shows how the Hex color 39949D looks on a white background.

Color Contrast Check

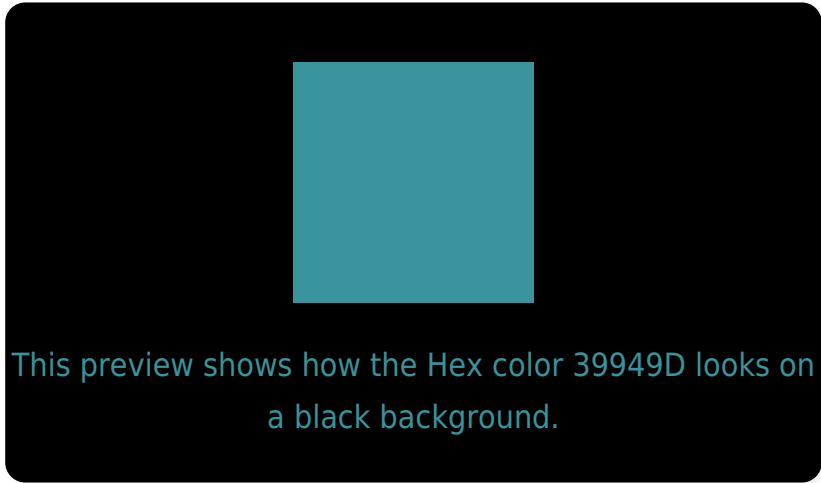
Large Text (above 18pt) WCAG AA ✓ Pass

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

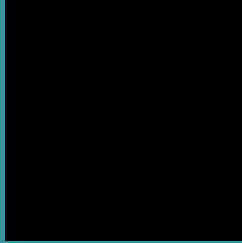
Any Text WCAG AA ✓ Pass

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 39949D Background



This preview shows how black text looks on a background with the Hex color 39949D.

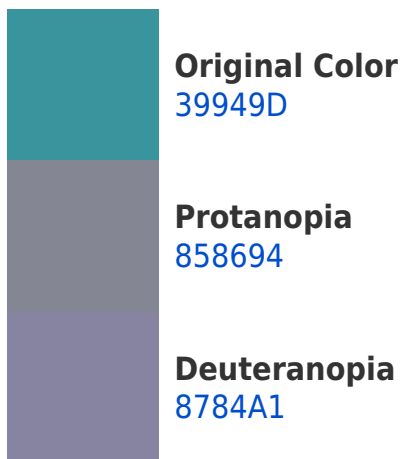


This preview shows how white text looks on a background with the Hex color 39949D.

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
3A94A0

Trichromacy



Original Color
39949D

Protanomaly
698B97

Deuteranomaly
6B8AA0

Tritanomaly
3A949F

Monochromacy



Original Color
39949D

Achromatopsia
7A7A7A

Achromatomaly
628387

CSS Examples

Text

The CSS property to change the color of the text to Hex 39949D 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 #39949D looks like.

```
.text, #text, p{  
    color:#39949D  
}
```

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 #39949D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #39949D
}
```

Border

The CSS property to change the border of an element to Hex 39949D 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
#39949D }
```

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

```
.border{ border-color:#39949D }
```

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

Here you see how a box with a 4 pixel #39949D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #39949D; -webkit-box-shadow:4px 4px  
4px 4px #39949D; box-shadow:4px 4px 4px  
4px #39949D }
```

Background

The CSS property to change the background color of an element to Hex 39949D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#39949D }
```

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

```
.background{ background-color:#39949D }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor