

Converting Colors

Hex(3C909F)

Have a look what the booklet for
Hex(3C909F) contains.

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Color

Hex(3C909F)

Conversions

Conversions Part 1

Format	Color
Hex	3C909F
RGB	60, 144, 159
RGB Percent	24%, 56%, 62%
CMY	0.7647, 0.4353, 0.3765
CMYK	0.62, 0.09, 0.00, 0.38
HSL	189°, 45%, 43%
HSV	189°, 62%, 62%
XYZ	18.0947, 23.4104, 36.3658
YIQ	120.5940, -54.8790, -13.1430

Conversions

Conversions Part 2

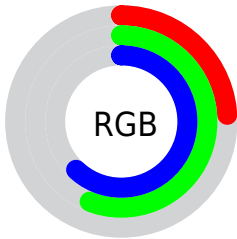
Format	Color
R _{YB}	60, 105, 159
Decimal	3969183
CIE _{Lab}	55.49, -20.52, -15.50
CIE _{LCh}	55, 25.719, 217.063
Yxy	23.4104, 0.2324, 0.3006
Android (android.graphics.Color)	4282159263 (0xFF3C909F)
YUV	120.5940, 18.9342, -53.1409
Hunter-Lab	48.3843, -17.9171, -10.6937

Details

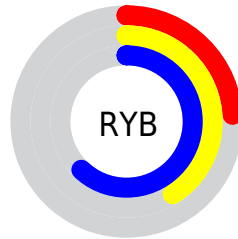
The Hex color **3C909F** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **9F4B3C**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **76C6D6**, and **005D6C** is the 20% darker color. If you saturate the color by 10%, you get **2C8E9F**, and if you desaturate by 10%, it is **4C929F**.

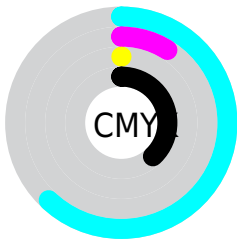
Distribution



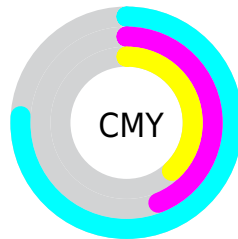
- Red (24%)
- Green (56%)
- Blue (62%)



- Red (24%)
- Yellow (41%)
- Blue (62%)



- Cyan (62%)
- Magenta (9%)
- Yellow (0%)
- Black (38%)



- Cyan (76%)
- Magenta (44%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3C909F 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 3C909F by changing the saturation by 10% instead.



3C909F



3C909F

FFFFFF



197685



76C6D6



005D6C



92E2F2



004553



AFFFFFFF



002F3C



CBFFFF



001C26



E9FFFF



000111



000000



3C909F



3C909F



2C8E9F



4C929F

■ 1C8B9F

■ 5C959F

■ 0C899F

■ 6C979F

■ 00879F

■ 7C9A9F

■ 8C9C9F

■ 9B9E9F

■ ABA19F

■ BBA39F

■ CBA69F

Harmonies

Analogous

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



45918A



3C909F



4F8CAD

Triad

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



3C909F



A67797



8F8558

Complementary

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



3C909F



9F4B3C

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.



A37E5C



3C909F



B17480

Square

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



3C909F



8F7DA9



AF776B



778C61

Rectangle

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



3C909F



6488B1



AF776B



978358

Sweetspot

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



3C909F



A7C9CF



3C9F4B



516569



E8E8E8



696969

Same Dimension

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



3C909F



34B7CF



3C5F9F



474E4F



00798F



000D0F

Inverse Universe

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



9F3C90



CF34B7



9F7C3C



4F474E



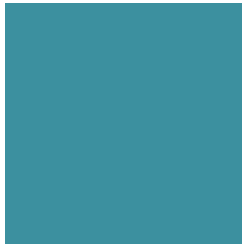
8F0079



0F000D

Previews

White Background



This preview shows how the Hex color 3C909F looks on a white background.

Color Contrast Check

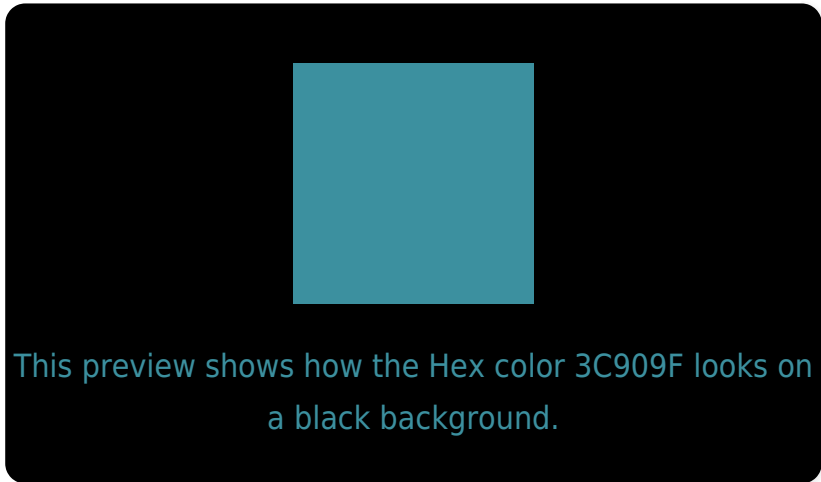
Large Text (above 18pt) WCAG AA ✓ Pass

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

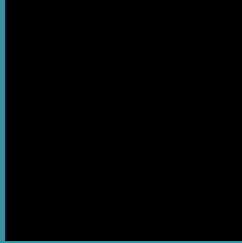
Any Text WCAG AA ✓ Pass

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 3C909F Background



This preview shows how black text looks on a background with the Hex color 3C909F.



This preview shows how white text looks on a background with the Hex color 3C909F.

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



Original Color
3C909F

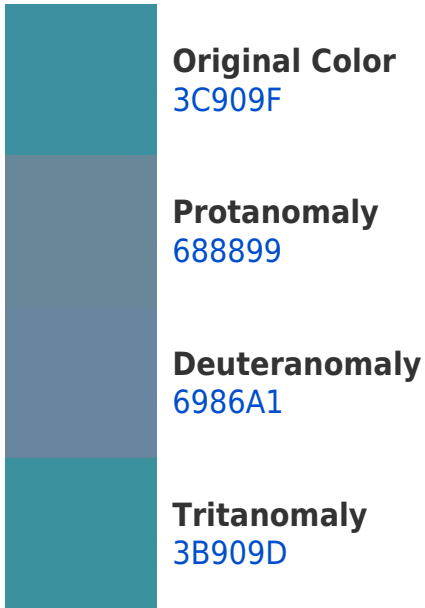
Protanopia
818396

Deuteranopia
8281A2



Tritanopia
3B909C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3C909F 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 #3C909F looks like.

```
.text, #text, p{  
    color:#3C909F  
}
```

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 #3C909F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3C909F
}
```

Border

The CSS property to change the border of an element to Hex 3C909F 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
#3C909F }
```

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

```
.border{ border-color:#3C909F }
```

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

Here you see how a box with a 4 pixel #3C909F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3C909F; -webkit-box-shadow:4px 4px  
4px 4px #3C909F; box-shadow:4px 4px 4px  
4px #3C909F }
```

Background

The CSS property to change the background color of an element to Hex 3C909F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3C909F }
```

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

```
.background{ background-color:#3C909F }
```

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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