

# Converting Colors

Hex(3D8F9B)

Have a look what the booklet for  
Hex(3D8F9B) contains.

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# Color

**Hex(3D8F9B)**

# Conversions

## Conversions Part 1

| Format      | Color                        |
|-------------|------------------------------|
| Hex         | 3D8F9B                       |
| RGB         | 61, 143, 155                 |
| RGB Percent | 24%, 56%, 61%                |
| CMY         | 0.7608, 0.4392, 0.3922       |
| CMYK        | 0.61, 0.08, 0.00, 0.39       |
| HSL         | 188°, 44%, 42%               |
| HSV         | 188°, 61%, 61%               |
| XYZ         | 17.6633, 23.0036, 34.5195    |
| YIQ         | 119.8500, -52.7240, -13.6520 |

# Conversions

## Conversions Part 2

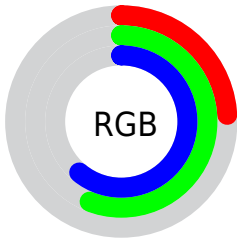
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| <b>RYB</b>                          | 61, 105, 155                   |
| Decimal                             | 4034459                        |
| CIELab                              | 55.08, -21.03, -13.83          |
| CIElCh                              | 55, 25.171, 213.326            |
| Yxy                                 | 23.0036, 0.2349,<br>0.3060     |
| Android<br>(android.graphics.Color) | 4282224539<br>(0xFF3D8F9B)     |
| YUV                                 | 119.8500, 17.3290,<br>-51.6114 |
| Hunter-Lab                          | 47.9620, -18.1961,<br>-9.0991  |

# Details

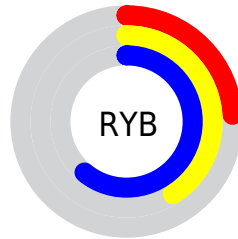
The Hex color **3D8F9B** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **9B493D**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **76C5D1**, and **005C68** is the 20% darker color. If you saturate the color by 10%, you get **2E8D9B**, and if you desaturate by 10%, it is **4D919B**.

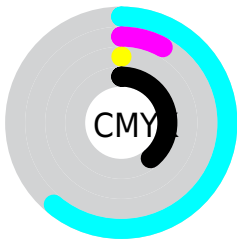
# Distribution



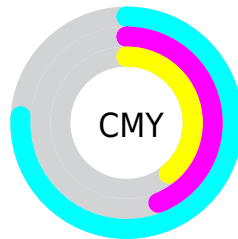
- Red (24%)
- Green (56%)
- Blue (61%)



- Red (24%)
- Yellow (41%)
- Blue (61%)



- Cyan (61%)
- Magenta (8%)
- Yellow (0%)
- Black (39%)



- Cyan (76%)
- Magenta (44%)
- Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3D8F9B 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 3D8F9B by changing the saturation by 10% instead.



3D8F9B

3D8F9B

FFFFFF

1B7581

76C5D1

005C68

92E1EE

004550

AFFEFF

002E39

CBFFFF

001B23

E9FFFF

00010D

000000

3D8F9B

3D8F9B

2E8D9B

4D919B

1E8B9B

5C939B

0F899B

6C959B

00879B

7B979B

8B999B

9A9B9B

AA9D9B

B99F9B

C9A19B

# Harmonies

## Analogous

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



489086



3D8F9B



4C8BAA

# Triad

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



3D8F9B



A27798



918358

# Complementary

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



3D8F9B



9B493D

# 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.



A37C5E



3D8F9B



AE7482

# Square

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



3D8F9B



8A7DA8



AE766D



798A5F

# Rectangle

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



3D8F9B



6087AF



AE766D



988159



# Sweetspot

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



3D8F9B



A5C5C9



3D9B48



506366



E6E6E6



666666



# Same Dimension

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



3D8F9B



36B7C9



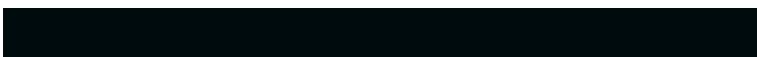
3D619B



454C4D



007A8C



000B0D



# Inverse Universe

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



9B3D8F



C936B7



9B773D



4D454C



8C007A

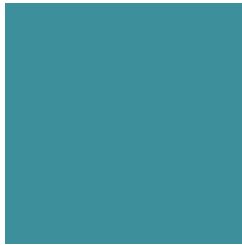


0D000B



# Previews

## White Background



This preview shows how the Hex color 3D8F9B looks on a white background.

## Color Contrast Check

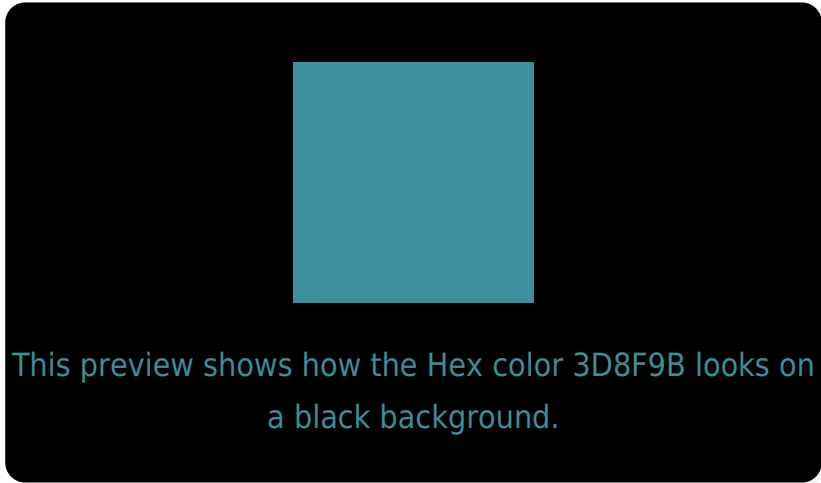
Large Text (above 18pt) WCAG AA ✓ Pass

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

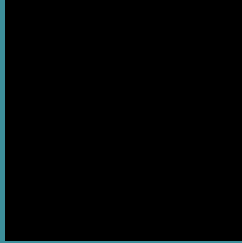
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 3D8F9B Background



This preview shows how black text looks on a background with the Hex color 3D8F9B.

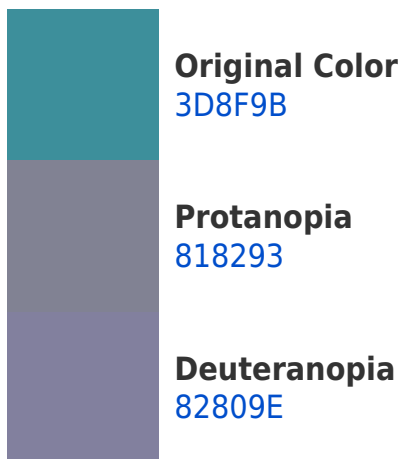


This preview shows how white text looks on a background with the Hex color 3D8F9B.

# 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](#).

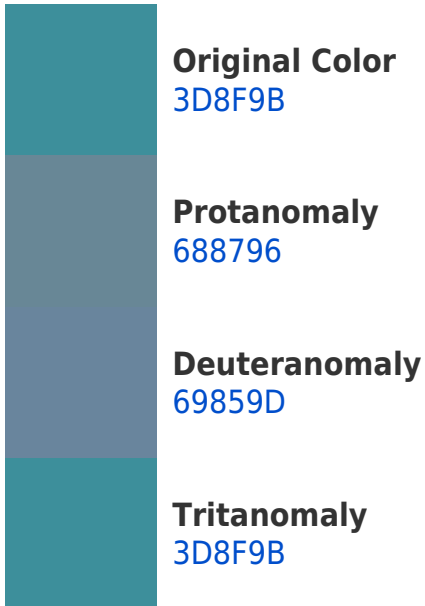
## Dichromacy



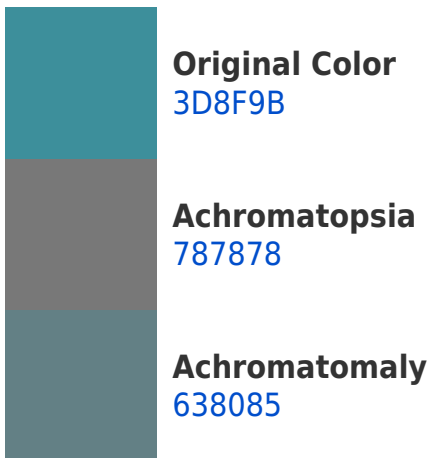


**Tritanopia**  
3D8F9B

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3D8F9B 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 #3D8F9B looks like.

```
.text, #text, p{  
    color:#3D8F9B  
}
```

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 #3D8F9B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D8F9B
}
```

## Border

The CSS property to change the border of an element to Hex 3D8F9B 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
#3D8F9B }
```

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

```
.border{ border-color:#3D8F9B }
```

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

Here you see how a box with a 4 pixel #3D8F9B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D8F9B; -webkit-box-shadow:4px 4px  
4px 4px #3D8F9B; box-shadow:4px 4px 4px  
4px #3D8F9B }
```

# Background

The CSS property to change the background color of an element to Hex 3D8F9B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D8F9B }
```

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

```
.background{ background-color:#3D8F9B }
```

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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