

# Converting Colors

Hex(3C928B)

Have a look what the booklet for  
Hex(3C928B) contains.

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**Color**

**Hex(3C928B)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>                 |
|---------------|------------------------------|
| Hex           | 3C928B                       |
| RGB           | 60, 146, 139                 |
| RGB Percent   | 24%, 57%, 55%                |
| CMY           | 0.7647, 0.4275, 0.4549       |
| CMYK          | 0.59, 0.00, 0.05, 0.43       |
| HSL           | 175°, 42%, 40%               |
| HSV           | 175°, 59%, 57%               |
| XYZ           | 16.8026, 23.3825, 28.0538    |
| YIQ           | 119.4880, -49.0090, -20.4090 |

# Conversions

## Conversions Part 2

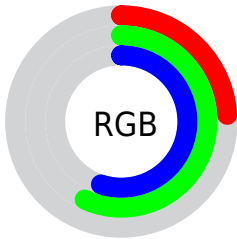
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| <b>RYB</b>                          | 60, 105, 146                  |
| Decimal                             | 3969675                       |
| CIELab                              | 55.46, -27.42, -4.05          |
| CIELCh                              | 55, 27.715, 188.404           |
| Yxy                                 | 23.3825, 0.2462,<br>0.3427    |
| Android<br>(android.graphics.Color) | 4282159755<br>(0xFF3C928B)    |
| YUV                                 | 119.4880, 9.6194,<br>-52.1710 |
| Hunter-Lab                          | 48.3555, -22.5969,<br>-0.5487 |

# Details

The Hex color **3C928B** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **923C43**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **74C8C0**, and **005F59** is the 20% darker color. If you saturate the color by 10%, you get **2D928A**, and if you desaturate by 10%, it is **4B928C**.

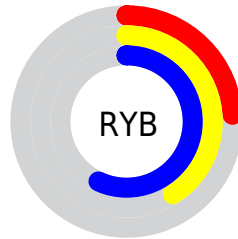
# Distribution



Red (24%)

Green (57%)

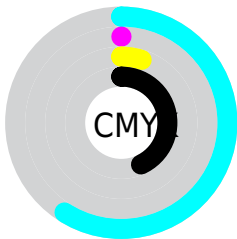
Blue (55%)



Red (24%)

Yellow (41%)

Blue (57%)

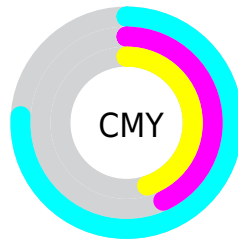


Cyan (59%)

Magenta (0%)

Yellow (5%)

Black (43%)



Cyan (76%)

Magenta (43%)

Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3C928B 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 3C928B by changing the saturation by 10% instead.





3C928B



3C928B

FFFFFF



1B7872



74C8C0



005F59



90E5DC



004742



ACFFF9



00302C



C9FFFF



001C17



E6FFFF



000000



3C928B



3C928B



2D928A



4B928C



1F9289



59928D

■ 109287

■ 68928F

■ 029286

■ 769290

■ 009286

■ 859291

■ 949292

■ A29293

■ B19295

■ BF9296

# Harmonies

## Analogous

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



589172



3C928B



3191A2

# Triad

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



3C928B



917CAB



A47D59

# Complementary

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



3C928B



923C43

# 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.



B27668



3C928B



A97597

# Square

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



3C928B



6F85B4



B4737F



8F8655

# Rectangle

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



3C928B



3E8EAD



B4737F



AA7B5D



# Sweetspot

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



3C928B



9BBDBA



43923C



4A5E5D



DEDEDE



5E5E5E



# Same Dimension

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



3C928B



37BDB2



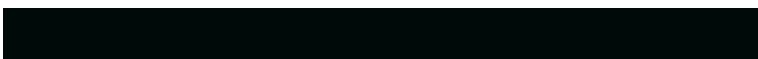
3C6E92



434A49



008A7E



000A09



# Inverse Universe

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



923C43



BD3742



92603C



4A4343



8A000B

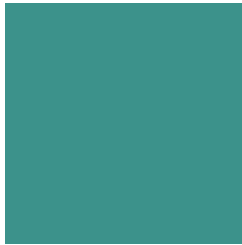


0A0001



# Previews

## White Background



This preview shows how the Hex color 3C928B looks on a white background.

## Color Contrast Check

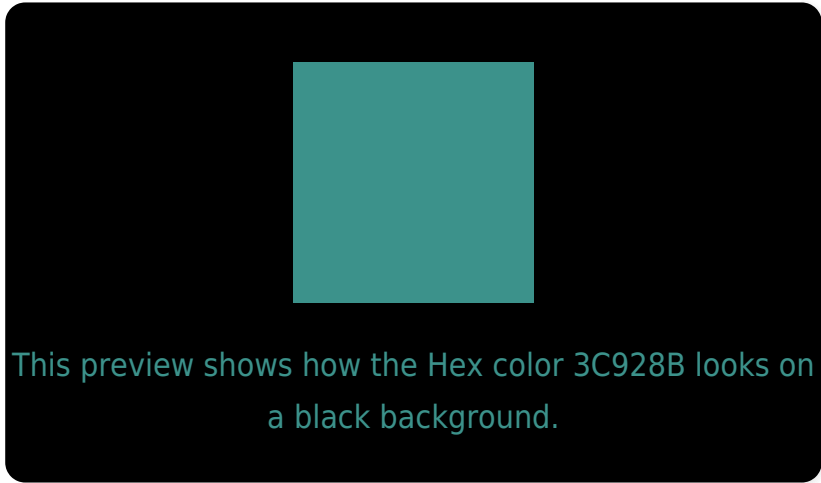
Large Text (above 18pt) WCAG AA ✓ Pass

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

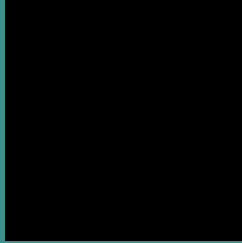
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 3C928B Background



This preview shows how black text looks on a background with the Hex color 3C928B.

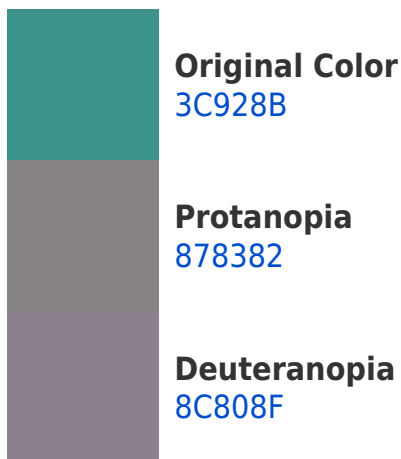


This preview shows how white text looks on a background with the Hex color 3C928B.

# 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**  
43909B

# Trichromacy



**Original Color**  
3C928B



**Protanomaly**  
6C8885



**Deuteranomaly**  
6F878E



**Tritanomaly**  
409195

# Monochromacy



**Original Color**  
3C928B



**Achromatopsia**  
777777



**Achromatomaly**  
62817E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3C928B 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 #3C928B looks like.

```
.text, #text, p{  
    color:#3C928B  
}
```

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 #3C928B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3C928B
}
```

## Border

The CSS property to change the border of an element to Hex 3C928B 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
#3C928B }
```

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

```
.border{ border-color:#3C928B }
```

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

Here you see how a box with a 4 pixel #3C928B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3C928B; -webkit-box-shadow:4px 4px  
4px 4px #3C928B; box-shadow:4px 4px 4px  
4px #3C928B }
```

# Background

The CSS property to change the background color of an element to Hex 3C928B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3C928B }
```

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

```
.background{ background-color:#3C928B }
```

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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