

# Converting Colors

Hex(34908B)

Have a look what the booklet for  
Hex(34908B) contains.

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**Color**

**Hex(34908B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	34908B
RGB	52, 144, 139
RGB Percent	20%, 56%, 55%
CMY	0.7961, 0.4353, 0.4549
CMYK	0.64, 0.00, 0.03, 0.44
HSL	177°, 47%, 38%
HSV	177°, 64%, 56%
XYZ	16.0496, 22.5407, 27.9310
YIQ	115.9220, -53.2270, -21.0590

# Conversions

## Conversions Part 2

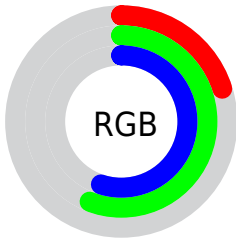
<b>Format</b>	<b>Color</b>
<b>RYB</b>	52, 99, 144
Decimal	3444875
CIELab	54.60, -27.93, -5.36
CIElCh	55, 28.441, 190.866
Yxy	22.5407, 0.2413, 0.3388
Android (android.graphics.Color)	4281634955 (0xFF34908B)
YUV	115.9220, 11.3775, -56.0596
Hunter-Lab	47.4770, -22.7427, -1.6467

# Details

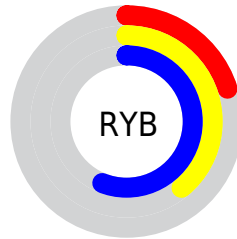
The Hex color **34908B** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **903439**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **6EC6C0**, and **005D59** is the 20% darker color. If you saturate the color by 10%, you get **26908A**, and if you desaturate by 10%, it is **42908C**.

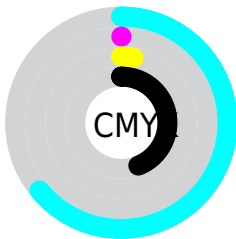
# Distribution



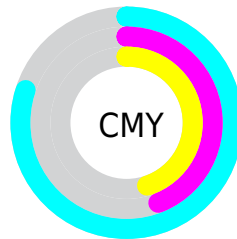
- Red (20%)
- Green (56%)
- Blue (55%)



- Red (20%)
- Yellow (39%)
- Blue (56%)



- Cyan (64%)
- Magenta (0%)
- Yellow (3%)
- Black (44%)



- Cyan (80%)
- Magenta (44%)
- Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 34908B 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 34908B by changing the saturation by 10% instead.





34908B



34908B

FFFFFF



0C7672



6EC6C0



005D59



8AE2DC



004542



A6FFF9



002E2C



C3FFFF



001917



E0FFFF



000000

FEFFFF



34908B



34908B



26908A



42908C

■ 179089

■ 51908D

■ 099089

■ 5F908D

■ 009088

■ 6E908E

■ 7C908F

■ 8A9090

■ 999090

■ A79091

■ B69092

# Harmonies

## Analogous

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



518F72



34908B



2A8EA2

# Triad

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



34908B



9179A8



A17C55

# Complementary

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



34908B



903439

# 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.



AF7464



34908B



A97293

# Square

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



34908B



6F82B3



B3707A



8A8452

# Rectangle

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



34908B



3B8BAD



B3707A



A77958



# Sweetspot

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



34908B



97BAB8



3A9034



495E5D



DEDEDE



5E5E5E



# Same Dimension

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



34908B



2BBAB2



346890



404747



008780



000807



# Inverse Universe

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



903439



BA2B33



905C34



474041



870007

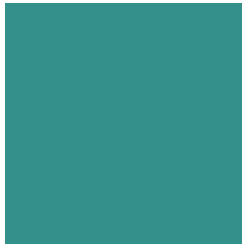


080000



# Previews

## White Background



This preview shows how the Hex color 34908B looks on a white background.

## Color Contrast Check

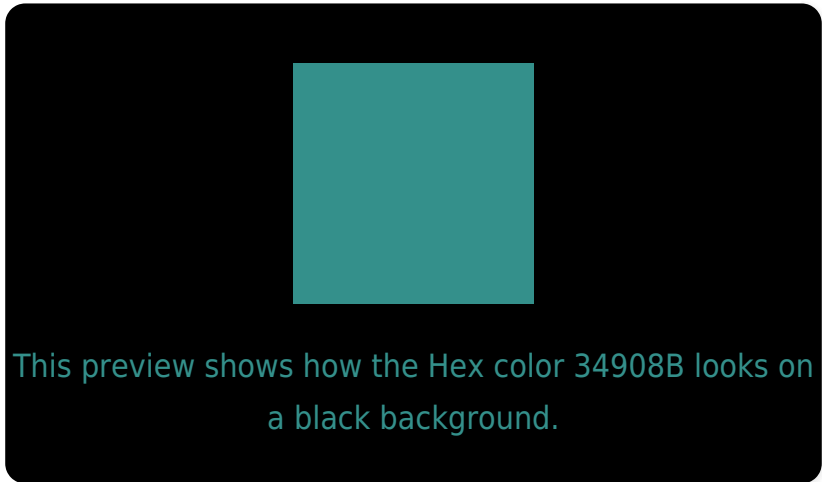
Large Text (above 18pt) WCAG AA ✓ Pass

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 34908B Background



This preview shows how black text looks on a background with the Hex color 34908B.

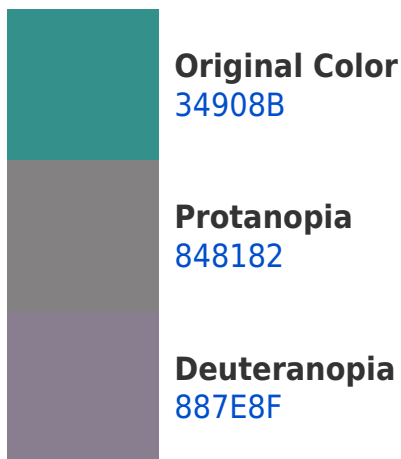


This preview shows how white text looks on a background with the Hex color 34908B.

# 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**  
3B8E99

# Trichromacy



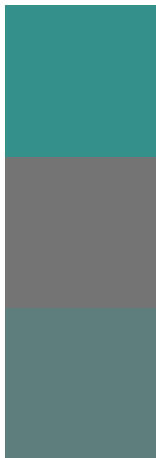
**Original Color**  
34908B

**Protanomaly**  
678685

**Deuteranomaly**  
69858E

**Tritanomaly**  
388F94

# Monochromacy



**Original Color**  
34908B

**Achromatopsia**  
747474

**Achromatomaly**  
5D7E7C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 34908B 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 #34908B looks like.

```
.text, #text, p{  
    color:#34908B  
}
```

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 #34908B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #34908B
}
```

## Border

The CSS property to change the border of an element to Hex 34908B 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
#34908B }
```

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

```
.border{ border-color:#34908B }
```

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

Here you see how a box with a 4 pixel #34908B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #34908B; -webkit-box-shadow:4px 4px  
4px 4px #34908B; box-shadow:4px 4px 4px  
4px #34908B }
```

# Background

The CSS property to change the background color of an element to Hex 34908B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#34908B }
```

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

```
.background{ background-color:#34908B }
```

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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