

# Converting Colors

Hex(35898B)

Have a look what the booklet for  
Hex(35898B) contains.

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**Color**

**Hex(35898B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	35898B
RGB	53, 137, 139
RGB Percent	21%, 54%, 55%
CMY	0.7922, 0.4627, 0.4549
CMYK	0.62, 0.01, 0.00, 0.45
HSL	181°, 45%, 38%
HSV	181°, 62%, 55%
XYZ	15.0741, 20.5123, 27.5909
YIQ	112.1120, -50.7060, -17.1860

# Conversions

## Conversions Part 2

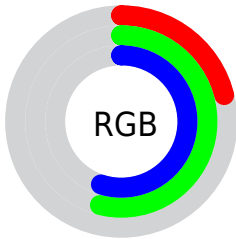
<b>Format</b>	<b>Color</b>
<b>RYB</b>	53, 95, 139
Decimal	3508619
CIELab	52.41, -24.23, -8.61
CIELCh	52, 25.716, 199.560
Yxy	20.5123, 0.2386, 0.3247
Android (android.graphics.Color)	4281698699 (0xFF35898B)
YUV	112.1120, 13.2558, -51.8412
Hunter-Lab	45.2905, -19.8481, -4.4160

# Details

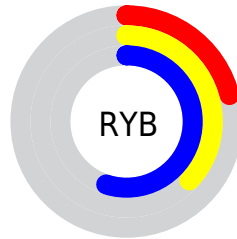
The Hex color **35898B** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **8B3735**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **6EBFC0**, and **005759** is the 20% darker color. If you saturate the color by 10%, you get **27898B**, and if you desaturate by 10%, it is **43898B**.

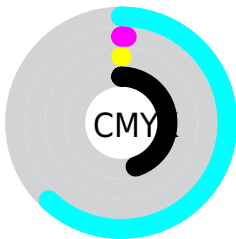
# Distribution



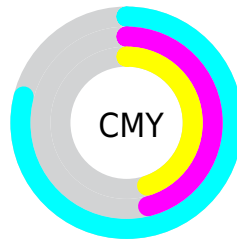
- Red (21%)
- Green (54%)
- Blue (55%)



- Red (21%)
- Yellow (37%)
- Blue (55%)



- Cyan (62%)
- Magenta (1%)
- Yellow (0%)
- Black (45%)



- Cyan (79%)
- Magenta (46%)
- Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 35898B 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 35898B by changing the saturation by 10% instead.





35898B



35898B

FFFFFF



106F72



6EBFC0



005759



8ADBDC



003F42



A6F7F9



00292C



C3FFFF



001018



E0FFFF



000000

FDFFFF



35898B



35898B



27898B



43898B

19888B

518A8B

0B888B

5F8A8B

00888B

6D8A8B

7B8B8B

888B8B

968B8B

A48C8B

B28C8B

# Harmonies

## Analogous

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



4A8974



35898B



37879E

# Triad

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



35898B



91729A



937952

# Complementary

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



35898B



8B3735

# 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.



A3725C



35898B



A36D86

# Square

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



35898B



757AA6



A96D6F



7E8053

# Rectangle

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



35898B



4983A6



A96D6F



997654



# Sweetspot

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



35898B



93B4B5



358B36



475B5C



DBDBDB



5C5C5C



# Same Dimension

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



35898B



2FB2B5



355F8B



3E4545



008285



000505



# Inverse Universe

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



8B3589



B52FB2



8B6135



453E45



850082

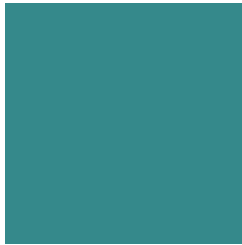


050005



# Previews

## White Background



This preview shows how the Hex color 35898B looks on a white background.

## Color Contrast Check

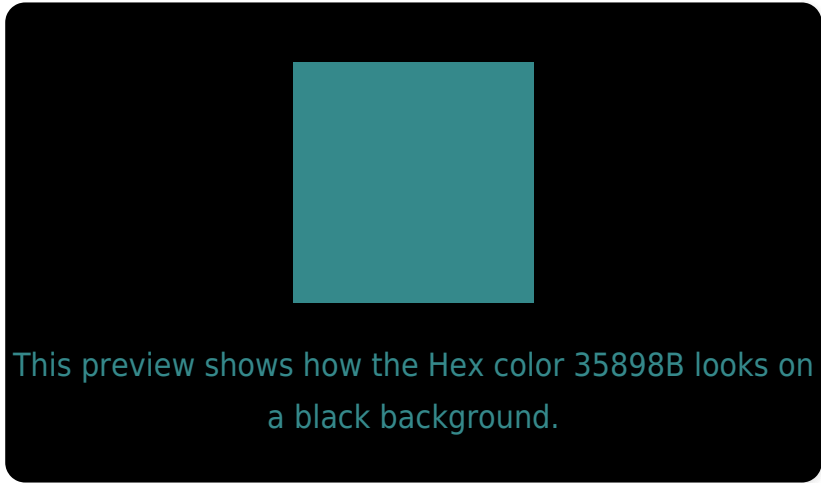
Large Text (above 18pt) WCAG AA ✓ Pass

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

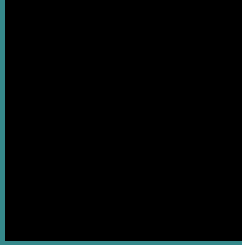
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 35898B Background



This preview shows how black text looks on a background with the Hex color 35898B.

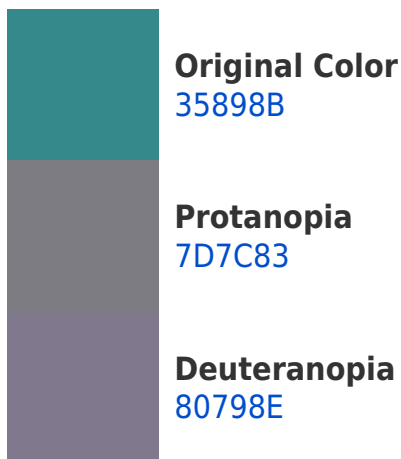


This preview shows how white text looks on a background with the Hex color 35898B.

# 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**  
398893

# Trichromacy



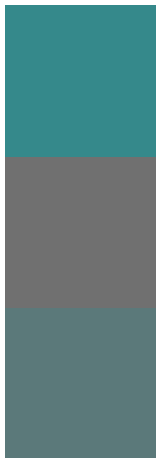
**Original Color**  
35898B

**Protanomaly**  
638186

**Deuteranomaly**  
657F8D

**Tritanomaly**  
388890

# Monochromacy



**Original Color**  
35898B

**Achromatopsia**  
707070

**Achromatomaly**  
5B797A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 35898B 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 #35898B looks like.

```
.text, #text, p{  
    color:#35898B  
}
```

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 #35898B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #35898B
}
```

## Border

The CSS property to change the border of an element to Hex 35898B 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
#35898B }
```

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

```
.border{ border-color:#35898B }
```

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

Here you see how a box with a 4 pixel #35898B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #35898B; -webkit-box-shadow:4px 4px  
4px 4px #35898B; box-shadow:4px 4px 4px  
4px #35898B }
```

# Background

The CSS property to change the background color of an element to Hex 35898B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#35898B }
```

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

```
.background{ background-color:#35898B }
```

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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