

# Converting Colors

Hex(48918B)

Have a look what the booklet for  
Hex(48918B) contains.

<b>Hex(48918B)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(48918B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	48918B
RGB	72, 145, 139
RGB Percent	28%, 57%, 55%
CMY	0.7176, 0.4314, 0.4549
CMYK	0.50, 0.00, 0.04, 0.43
HSL	175°, 34%, 43%
HSV	175°, 50%, 57%
XYZ	17.4581, 23.4926, 28.0405
YIQ	122.4890, -41.5820, -17.3420

# Conversions

## Conversions Part 2

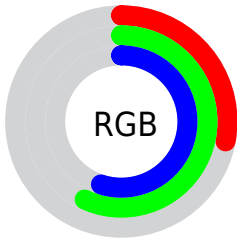
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	72, 110, 145
Decimal	4755851
CIE <sub>Lab</sub>	55.58, -24.30, -3.84
CIE <sub>LCh</sub>	56, 24.598, 188.975
Yxy	23.4926, 0.2530, 0.3405
Android (android.graphics.Color)	4282945931 (0xFF48918B)
YUV	122.4890, 8.1399, -44.2789
Hunter-Lab	48.4692, -20.5272, -0.3722

# Details

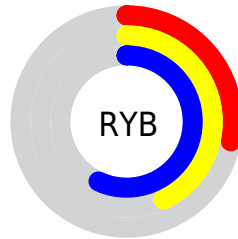
The Hex color **48918B** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **91484E**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **7EC7C0**, and **075E59** is the 20% darker color. If you saturate the color by 10%, you get **3A918A**, and if you desaturate by 10%, it is **56918C**.

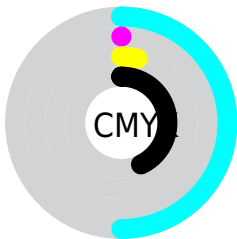
# Distribution



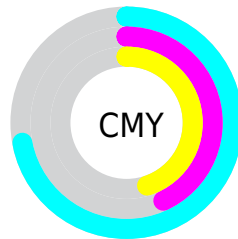
- Red (28%)
- Green (57%)
- Blue (55%)



- Red (28%)
- Yellow (43%)
- Blue (57%)



- Cyan (50%)
- Magenta (0%)
- Yellow (4%)
- Black (43%)



- Cyan (72%)
- Magenta (43%)
- Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 48918B 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 48918B by changing the saturation by 10% instead.



 48918B

 48918B

FFFFFF

 2C7772

 7EC7C0

 075E59

 9AE3DC

 004642

 B6FFF9

 002F2C

 D2FFFF

 001D17

 EFFFFFF

 000000

 48918B

 48918B

 3A918A

 56918C

 2B9189

 65918D

■ 1D9187

■ 74918F

■ 0E9186

■ 829190

■ 009185

■ 919191

■ 9F9192

■ AE9193

■ BC9195

■ CB9196

# Harmonies

## Analogous

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



5D9075



48918B



42909F

# Triad

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



48918B



907DA6



A17F5E

# Complementary

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



48918B



91484E

# 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.



AD786B



48918B



A67795

# Square

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



48918B



7385AF



AF757F



8E865B

# Rectangle

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



48918B



4C8DA9



AF757F



A67C61



# Sweetspot

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



48918B



A0BDBA



4E9148



4D5E5D



DEDEDE



5E5E5E



# Same Dimension

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



48918B



4BBDB3



487391



404747



00877C



000807



# Inverse Universe

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



91484E



BD4B55



916648



474041



87000B

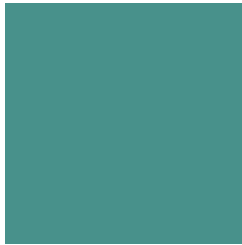


080001



# Previews

## White Background



This preview shows how the Hex color 48918B looks on a white background.

## Color Contrast Check

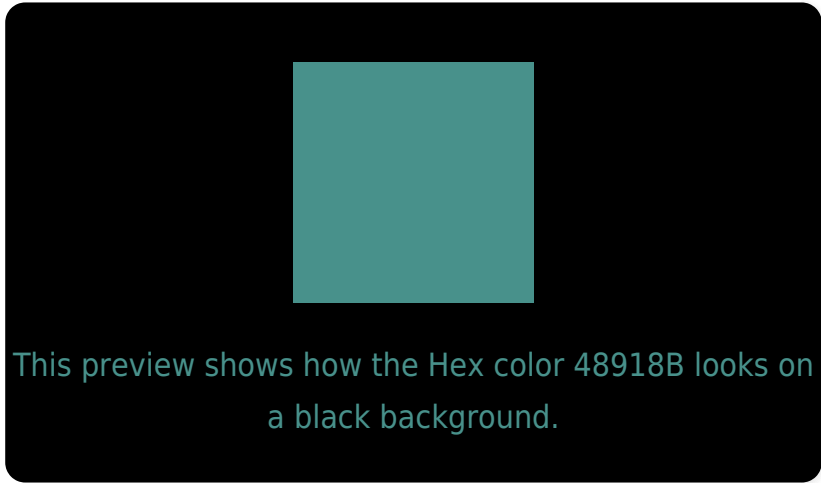
Large Text (above 18pt) WCAG AA ✓ Pass

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

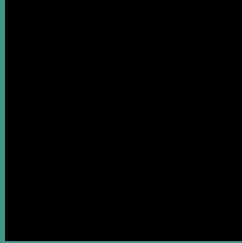
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 48918B Background



This preview shows how black text looks on a background with the Hex color 48918B.

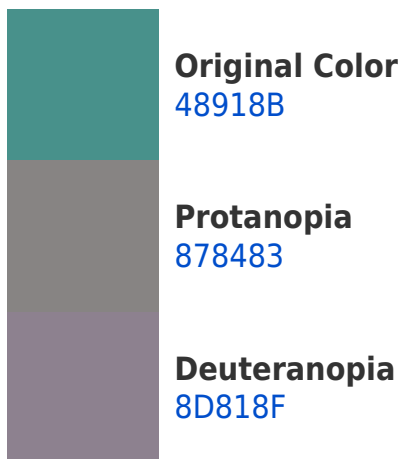


This preview shows how white text looks on a background with the Hex color 48918B.

# 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**  
4D8F9A

# Trichromacy



**Original Color**  
48918B

**Protanomaly**  
708986

**Deuteranomaly**  
74878E

**Tritanomaly**  
4B9095

# Monochromacy



**Original Color**  
48918B

**Achromatopsia**  
7A7A7A

**Achromatomaly**  
688280

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 48918B 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 #48918B looks like.

```
.text, #text, p{  
    color:#48918B  
}
```

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 #48918B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #48918B
}
```

## Border

The CSS property to change the border of an element to Hex 48918B 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
#48918B }
```

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

```
.border{ border-color:#48918B }
```

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

Here you see how a box with a 4 pixel #48918B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #48918B; -webkit-box-shadow:4px 4px  
4px 4px #48918B; box-shadow:4px 4px 4px  
4px #48918B }
```

# Background

The CSS property to change the background color of an element to Hex 48918B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#48918B }
```

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

```
.background{ background-color:#48918B }
```

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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