

# Converting Colors

Hex(53918E)

Have a look what the booklet for  
Hex(53918E) contains.

<b>Hex(53918E)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(53918E)

# Conversions

## Conversions Part 1

Format	Color
Hex	53918E
RGB	83, 145, 142
RGB Percent	33%, 57%, 56%
CMY	0.6745, 0.4314, 0.4431
CMYK	0.43, 0.00, 0.02, 0.43
HSL	177°, 27%, 45%
HSV	177°, 43%, 57%
XYZ	18.5752, 24.0428, 29.2529
YIQ	126.1200, -35.9890, -14.0770

# Conversions

## Conversions Part 2

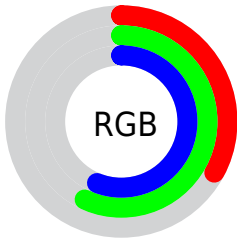
<b>Format</b>	<b>Color</b>
<b>RYB</b>	83, 115, 145
Decimal	5476750
CIELab	56.13, -20.75, -4.69
CIELCh	56, 21.273, 192.735
Yxy	24.0428, 0.2585, 0.3345
Android (android.graphics.Color)	4283666830 (0xFF53918E)
YUV	126.1200, 7.8288, -37.8162
Hunter-Lab	49.0334, -18.1880, -1.0484

# Details

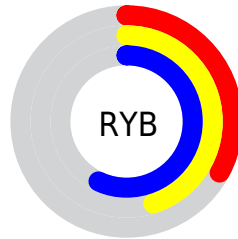
The Hex color **53918E** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **915356**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **88C7C4**, and **1D5E5C** is the 20% darker color. If you saturate the color by 10%, you get **45918D**, and if you desaturate by 10%, it is **62918F**.

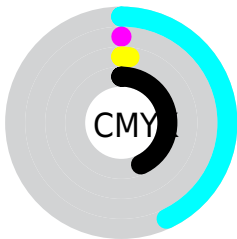
# Distribution



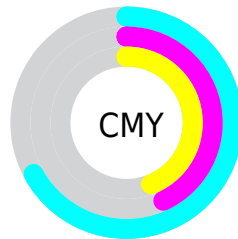
- Red (33%)
- Green (57%)
- Blue (56%)



- Red (33%)
- Yellow (45%)
- Blue (57%)



- Cyan (43%)
- Magenta (0%)
- Yellow (2%)
- Black (43%)



- Cyan (67%)
- Magenta (43%)
- Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 53918E 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 53918E by changing the saturation by 10% instead.



■ 53918E

■ 53918E

FFFFFF

■ 397774

■ 88C7C4

■ 1D5E5C

■ A3E3E0

■ 004644

■ BFFFFC

■ 00302E

■ DCFFFF

■ 001C19

■ F9FFFF

■ 000000

■ 53918E

■ 53918E

■ 45918D

■ 62918F

■ 36918D

■ 70918F

■ 27918C

■ 7F9190

■ 19918B

■ 8D9191

■ 0B918A

■ 9B9192

■ 00918A

■ AA9192

■ B99193

■ C79194

■ D59194

# Harmonies

## Analogous

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



62907B



53918E



528F9F

# Triad

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



53918E



937FA2



9E8264

# Complementary

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



53918E



915356

# 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.



A97C6E



53918E



A57A92

# Square

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



53918E



7B86AA



AC797F



8C8862

# Rectangle

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



53918E



5B8DA7



AC797F



A28066



# Sweetspot

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



53918E



A4BDBC



569153



4F5E5E



DEDEDE



5E5E5E



# Same Dimension

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



53918E



5CBDB8



537591



404747



008781



000807



# Inverse Universe

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



915356



BD5C61



916F53



474041



870007

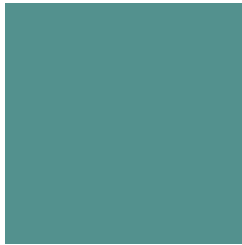


080000



# Previews

## White Background



This preview shows how the Hex color 53918E looks on a white background.

## Color Contrast Check

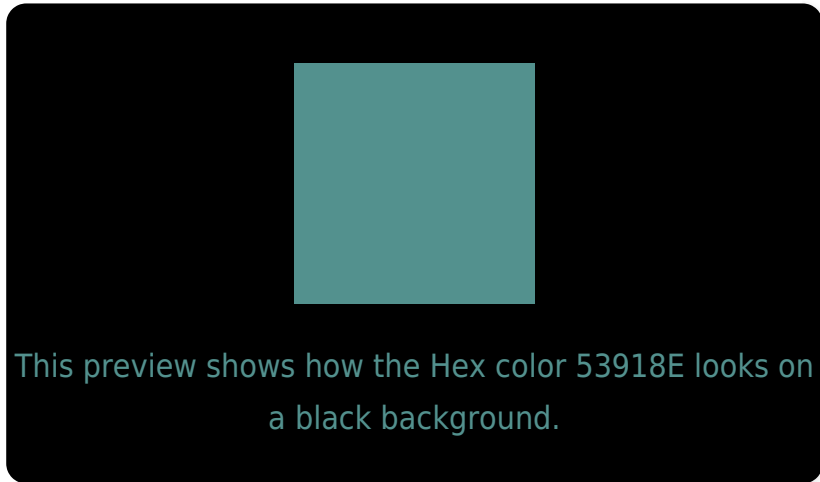
Large Text (above 18pt) WCAG AA ✓ Pass

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

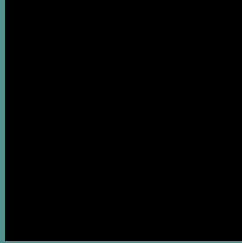
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 53918E Background



This preview shows how black text looks on a background with the Hex color 53918E.

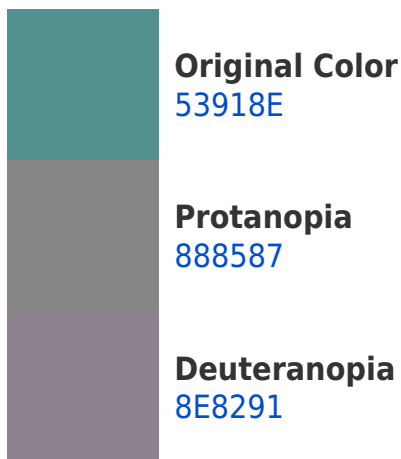


This preview shows how white text looks on a background with the Hex color 53918E.

# 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



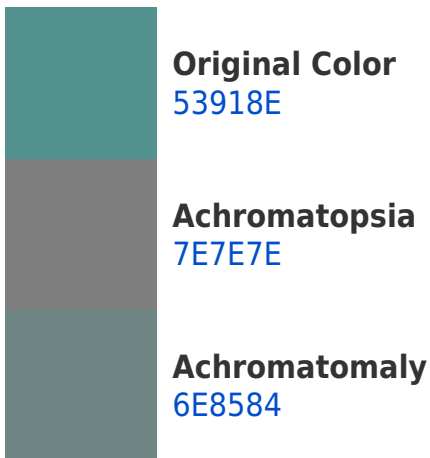


**Tritanopia**  
578F9B

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 53918E 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 #53918E looks like.

```
.text, #text, p{  
    color:#53918E  
}
```

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 #53918E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #53918E
}
```

## Border

The CSS property to change the border of an element to Hex 53918E is called "border". The border property can be set on classes, ids or directly on the HTML element.

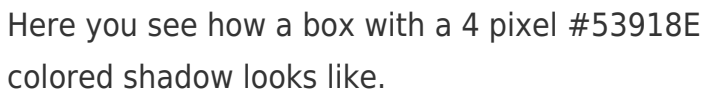
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#53918E }
```

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

```
.border{ border-color:#53918E }
```

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



Here you see how a box with a 4 pixel #53918E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #53918E; -webkit-box-shadow:4px 4px  
4px 4px #53918E; box-shadow:4px 4px 4px  
4px #53918E }
```

# Background

The CSS property to change the background color of an element to Hex 53918E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#53918E }
```

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

```
.background{ background-color:#53918E }
```

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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