

# Converting Colors

Hex(59978D)

Have a look what the booklet for  
Hex(59978D) contains.

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# Color

**Hex(59978D)**

# Conversions

Conversions Part 1	
Format	Color
Hex	59978D
RGB	89, 151, 141
RGB Percent	35%, 59%, 55%
CMY	0.6510, 0.4078, 0.4471
CMYK	0.41, 0.00, 0.07, 0.41
HSL	170°, 26%, 47%
HSV	170°, 41%, 59%
XYZ	19.9942, 26.1802, 29.1988
YIQ	131.3220, -33.7420, -16.2540

# Conversions

## Conversions Part 2

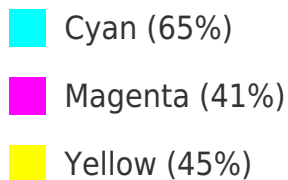
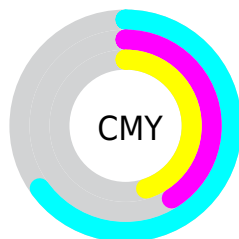
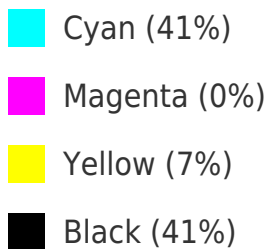
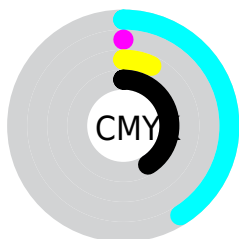
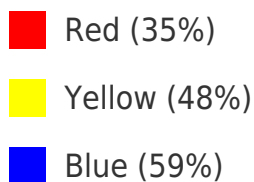
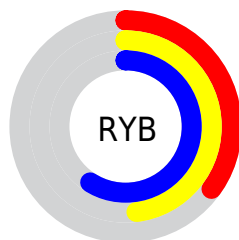
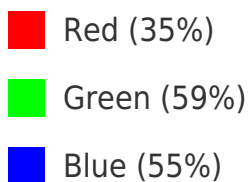
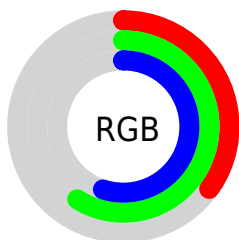
Format	Color
<a href="#">RYB</a>	<a href="#">89, 123, 151</a>
Decimal	<a href="#">5871501</a>
CIELab	<a href="#">58.21, -22.49, -1.03</a>
CIELCh	<a href="#">58, 22.518, 182.618</a>
Yxy	<a href="#">26.1802, 0.2653, 0.3473</a>
Android (android.graphics.Color)	<a href="#">4284061581</a> (0xFF59978D)
YUV	<a href="#">131.3220, 4.7713, -37.1164</a>
Hunter-Lab	<a href="#">51.1665, -19.7897, 1.9821</a>

# Details

The Hex color **59978D** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **975963**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **8ECD C3**, and **24645B** is the 20% darker color. If you saturate the color by 10%, you get **4A978B**, and if you desaturate by 10%, it is **68978F**.

# Distribution



# Brightness & Saturation Gradients

These gradients show how the Hex color 59978D 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 59978D by changing the saturation by 10% instead.



 59978D

 59978D

FFFFFF

 3F7D73

 8ECDC3

 24645B

 A9EADE

 024C44

 C5FFFB

 00342D

 E2FFFF

 002019

 000000

 59978D

 59978D

 4A978B

 68978F

 3B9788

 779792

 2C9786

 869794

 1D9783

 959797

 0E9781

 A49799

 00977F

 B4979C

 C3979E

 D297A0

 E197A3

# Harmonies

## Analogous

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



6D9579



59978D



5196A0

# Triad

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



59978D



9186AD



AA856A

# Complementary

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



59978D



975963

# 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.



B37F78



59978D



A7809E

# Square

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



59978D



768DB3



B27E8B



998B65

# Rectangle

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



59978D



5794AB



B27E8B



AE836D



# Sweetspot

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



59978D



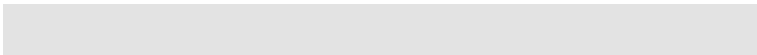
ADC4C1



639759



566361



E3E3E3



636363



# Same Dimension

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



59978D



64C4B5



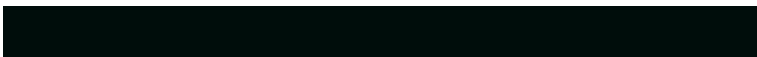
598297



454D4B



008C76



000D0B



# Inverse Universe

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



975963



C46474



976E59



4D4546



8C0017

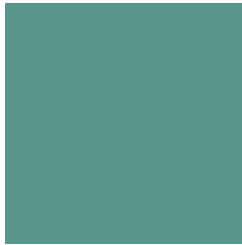


0D0002



# Previews

## White Background



This preview shows how the Hex color 59978D 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



This preview shows how the Hex color 59978D looks on a 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 59978D Background



This preview shows how black text looks on a background with the Hex color 59978D.

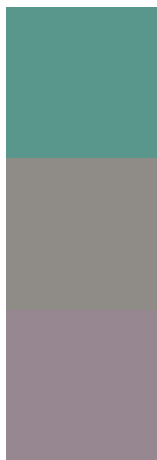


This preview shows how white text looks on a background with the Hex color 59978D.

# 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](#).

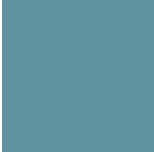
## Dichromacy



**Original Color**  
59978D


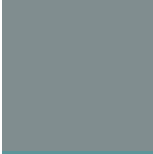

**Protanopia**  
8F8B86

**Deuteranopia**  
968790






**Tritanopia**  
5E94A0

# Trichromacy

	<b>Original Color</b> 59978D
	<b>Protanomaly</b> 7B8F89
	<b>Deuteranomaly</b> 808D8F
	<b>Tritanomaly</b> 5C9599

# Monochromacy

	<b>Original Color</b> 59978D
	<b>Achromatopsia</b> 838383
	<b>Achromatomaly</b> 748A87

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 59978D 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 #59978D looks like.

```
.text, #text, p{  
    color:#59978D  
}
```

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 #59978D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #59978D
}
```

## Border

The CSS property to change the border of an element to Hex 59978D 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
#59978D }
```

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

```
.border{ border-color:#59978D }
```

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

Here you see how a box with a 4 pixel #59978D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #59978D; -webkit-box-shadow:4px 4px  
4px 4px #59978D; box-shadow:4px 4px 4px  
4px #59978D }
```

# Background

The CSS property to change the background color of an element to Hex 59978D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#59978D }
```

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

```
.background{ background-color:#59978D }
```

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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