

# Converting Colors

Hex(518E6F)

Have a look what the booklet for  
Hex(518E6F) contains.

<b>Hex(518E6F)</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(518E6F)

# Conversions

## Conversions Part 1

Format	Color
Hex	518E6F
RGB	81, 142, 111
RGB Percent	32%, 56%, 44%
CMY	0.6824, 0.4431, 0.5647
CMYK	0.43, 0.00, 0.22, 0.44
HSL	150°, 27%, 44%
HSV	150°, 43%, 56%
XYZ	15.9356, 22.2430, 18.4924
YIQ	120.2270, -26.4050, -22.5730

# Conversions

## Conversions Part 2

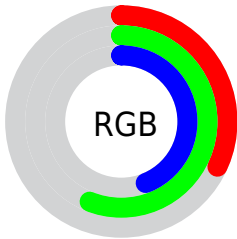
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	81, 122, 142
Decimal	5344879
CIE <sub>Lab</sub>	54.28, -27.24, 10.42
CIE <sub>LCh</sub>	54, 29.167, 159.065
Yxy	22.2430, 0.2812, 0.3925
Android (android.graphics.Color)	4283534959 (0xFF518E6F)
YUV	120.2270, -4.5489, -34.4021
Hunter-Lab	47.1625, -22.2216, 9.7662

# Details

The Hex color **518E6F** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **8E5170**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **85C4A3**, and **1D5B3F** is the 20% darker color. If you saturate the color by 10%, you get **438E68**, and if you desaturate by 10%, it is **5F8E76**.

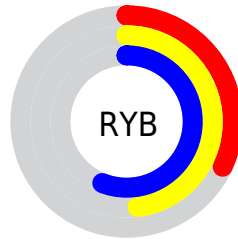
# Distribution



Red (32%)

Green (56%)

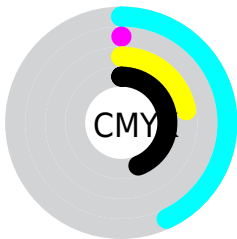
Blue (44%)



Red (32%)

Yellow (48%)

Blue (56%)

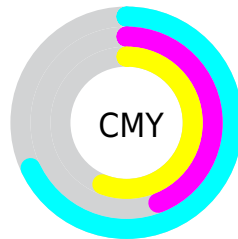


Cyan (43%)

Magenta (0%)

Yellow (22%)

Black (44%)



Cyan (68%)

Magenta (44%)

Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 518E6F 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 518E6F by changing the saturation by 10% instead.





518E6F



518E6F

FFFFFF



377457



85C4A3



1D5B3F



A0E0BE



004329



BCFDDA



002C15



D8FFF6



001800



F5FFFF



000000



518E6F



518E6F



438E68



5F8E76



358E61



6D8E7D

 268E59

 7C8E85

 188E52

 8A8E8C

 0A8E4B

 988E93

 008E46

 A68E9A

 B48EA2

 C38EA9

 D18EB0

# Harmonies

## Analogous

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



708A5A



518E6F



318F89

# Triad

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



518E6F



6B82B3



B07263

# Complementary

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



518E6F



8E5170

# 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.



B36E7B



518E6F



8F79A9

# Square

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



518E6F



4189B0



A87194



A27A53

# Rectangle

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



518E6F



228F99



A87194



B2706B



# Sweetspot

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



518E6F



A0B8AB



718E51



4D5C54



DBDBDB



5C5C5C



# Same Dimension

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



518E6F



58B887



518E8D



404744



008742



000804



# Inverse Universe

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



8E5170



B85889



8E5152



474044



870045



080004



# Previews

## White Background



This preview shows how the Hex color 518E6F looks on a white background.

## Color Contrast Check

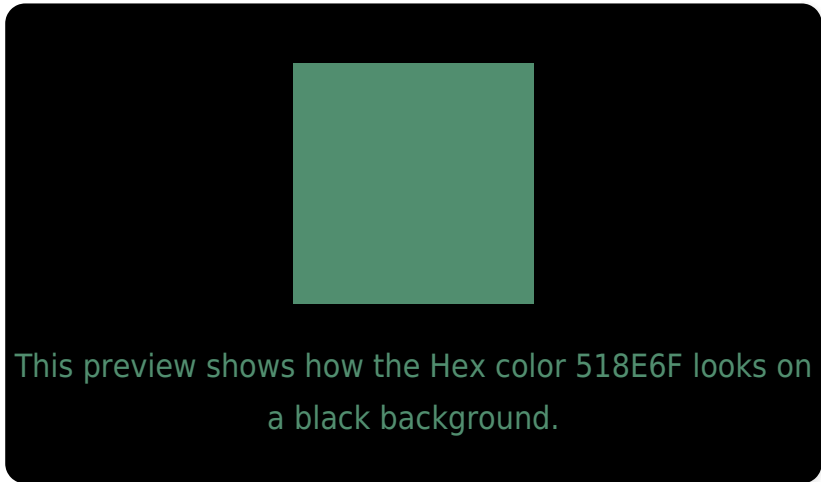
Large Text (above 18pt) WCAG AA ✓ Pass

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

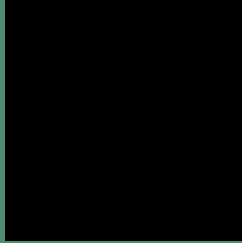
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 518E6F Background



This preview shows how black text looks on a background with the Hex color 518E6F.

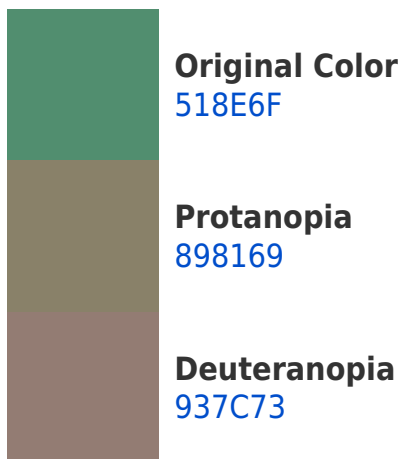



This preview shows how white text looks on a background with the Hex color 518E6F.

# 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**  
5A8994

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 518E6F 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 #518E6F looks like.

```
.text, #text, p{  
    color:#518E6F  
}
```

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 #518E6F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #518E6F
}
```

## Border

The CSS property to change the border of an element to Hex 518E6F 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
#518E6F }
```

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

```
.border{ border-color:#518E6F }
```

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

Here you see how a box with a 4 pixel #518E6F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #518E6F; -webkit-box-shadow:4px 4px  
4px 4px #518E6F; box-shadow:4px 4px 4px  
4px #518E6F }
```

# Background

The CSS property to change the background color of an element to Hex 518E6F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#518E6F }
```

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

```
.background{ background-color:#518E6F }
```

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](#).



# Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor