

# Converting Colors

Hex(5F8E6A)

Have a look what the booklet for  
Hex(5F8E6A) contains.

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# Color

**Hex(5F8E6A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5F8E6A
RGB	95, 142, 106
RGB Percent	37%, 56%, 42%
CMY	0.6275, 0.4431, 0.5843
CMYK	0.33, 0.00, 0.25, 0.44
HSL	134°, 20%, 46%
HSV	134°, 33%, 56%
XYZ	16.9938, 22.8195, 17.1446
YIQ	123.8430, -16.4560, -21.1600

# Conversions

## Conversions Part 2

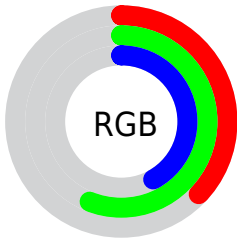
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	95, 133, 142
Decimal	6262378
CIE <sub>Lab</sub>	54.89, -23.86, 14.22
CIE <sub>LCh</sub>	55, 27.779, 149.213
Yxy	22.8195, 0.2984, 0.4006
Android (android.graphics.Color)	4284452458 (0xFF5F8E6A)
YUV	123.8430, -8.7966, -25.2953
Hunter-Lab	47.7698, -20.0967, 12.1596

# Details

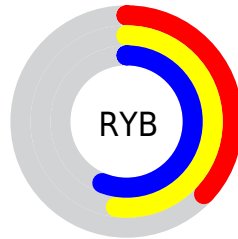
The Hex color **5F8E6A** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **8E5F83**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **93C49D**, and **2E5B3B** is the 20% darker color. If you saturate the color by 10%, you get **518E5F**, and if you desaturate by 10%, it is **6D8E75**.

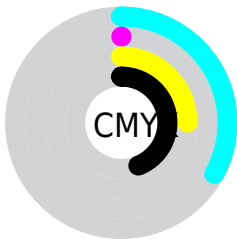
# Distribution



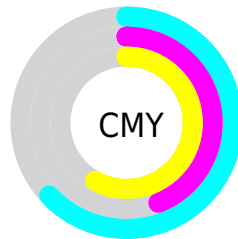
- Red (37%)
- Green (56%)
- Blue (42%)



- Red (37%)
- Yellow (52%)
- Blue (56%)



- Cyan (33%)
- Magenta (0%)
- Yellow (25%)
- Black (44%)



- Cyan (63%)
- Magenta (44%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5F8E6A 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 5F8E6A by changing the saturation by 10% instead.





5F8E6A



5F8E6A

FFFFFF



467452



93C49D



2E5B3B



AEE0B8



164425



CAFDD4



002D10



E6FFF0



001A00



000000



5F8E6A



5F8E6A



518E5F



6D8E75



438E54



7B8E80

 348E49

 8A8E8B

 268E3E

 988E96

 188E34

 A68EA0

 0A8E29

 B48EAB

 008E21

 C28EB6

 D18EC1

 DF8ECC

# Harmonies

## Analogous

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



7B8959



5F8E6A



429082

# Triad

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



5F8E6A



6186B3



B2736D

# Complementary

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



5F8E6A



8E5F83

# 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.



B07185



5F8E6A



867DAD

# Square

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



5F8E6A



3D8CAC



A1759C



A8795B

# Rectangle

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



5F8E6A



329092



A1759C



B37275



# Sweetspot

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



5F8E6A



A5B8AA



838E5F



515C53



DBDBDB



5C5C5C



# Same Dimension

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



5F8E6A



6EB87F



5F8E81



404742



008720



000802



# Inverse Universe

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



8E5F83



B86EA6



8E5F6C



474046



870068



080006



# Previews

## White Background



This preview shows how the Hex color 5F8E6A looks on a white background.

## Color Contrast Check

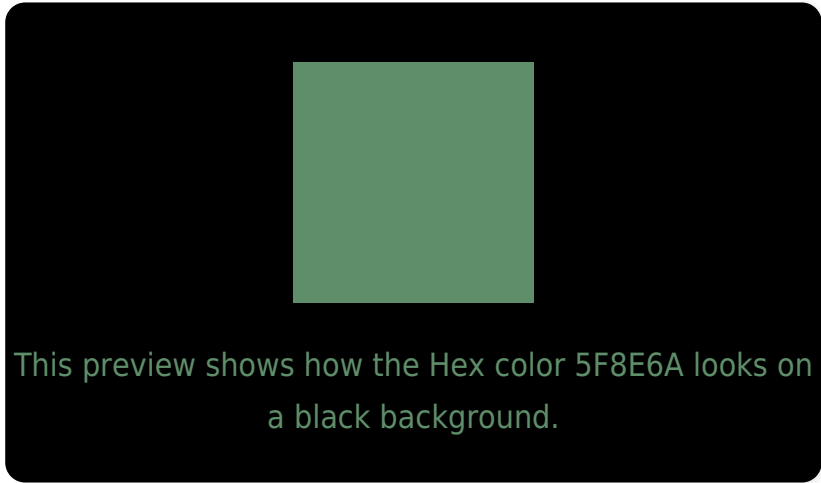
Large Text (above 18pt) WCAG AA ✓ Pass

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

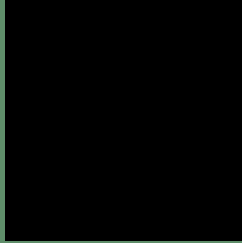
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 5F8E6A Background



This preview shows how black text looks on a background with the Hex color 5F8E6A.



This preview shows how white text looks on a background with the Hex color 5F8E6A.

# 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**  
5F8E6A

**Protanopia**  
8C8365

**Deuteranopia**  
977E6D



**Tritanopia**  
678993

# Trichromacy



**Original Color**  
5F8E6A

**Protanomaly**  
7C8767

**Deuteranomaly**  
83846C

**Tritanomaly**  
648B84

# Monochromacy



**Original Color**  
5F8E6A

**Achromatopsia**  
7C7C7C

**Achromatomaly**  
718375

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5F8E6A 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 #5F8E6A looks like.

```
.text, #text, p{  
    color:#5F8E6A  
}
```

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 #5F8E6A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F8E6A
}
```

## Border

The CSS property to change the border of an element to Hex 5F8E6A 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
#5F8E6A }
```

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

```
.border{ border-color:#5F8E6A }
```

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

Here you see how a box with a 4 pixel #5F8E6A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F8E6A; -webkit-box-shadow:4px 4px  
4px 4px #5F8E6A; box-shadow:4px 4px 4px  
4px #5F8E6A }
```

# Background

The CSS property to change the background color of an element to Hex 5F8E6A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F8E6A }
```

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

```
.background{ background-color:#5F8E6A }
```

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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