

Converting Colors

Hex(5F8E71)

Have a look what the booklet for
Hex(5F8E71) contains.

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Color

Hex(5F8E71)

Conversions

Conversions Part 1

Format	Color
Hex	5F8E71
RGB	95, 142, 113
RGB Percent	37%, 56%, 44%
CMY	0.6275, 0.4431, 0.5569
CMYK	0.33, 0.00, 0.20, 0.44
HSL	143°, 20%, 46%
HSV	143°, 33%, 56%
XYZ	17.3730, 22.9712, 19.1410
YIQ	124.6410, -18.7030, -18.9830

Conversions

Conversions Part 2

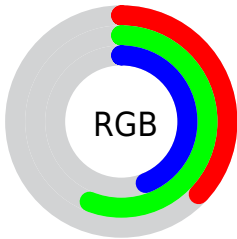
Format	Color
R_{YB}	95, 129, 142
Decimal	6262385
CIE _{Lab}	55.04, -22.46, 10.45
CIE _{LCh}	55, 24.772, 155.050
Yxy	22.9712, 0.2921, 0.3862
Android (android.graphics.Color)	4284452465 (0xFF5F8E71)
YUV	124.6410, -5.7390, -25.9952
Hunter-Lab	47.9282, -19.1720, 9.8712

Details

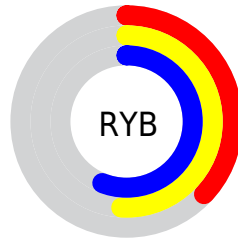
The Hex color **5F8E71** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **8E5F7C**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **93C4A5**, and **2E5B41** is the 20% darker color. If you saturate the color by 10%, you get **518E68**, and if you desaturate by 10%, it is **6D8E7A**.

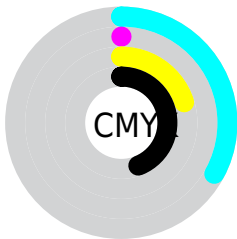
Distribution



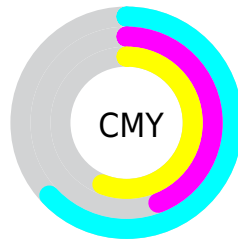
- Red (37%)
- Green (56%)
- Blue (44%)



- Red (37%)
- Yellow (51%)
- Blue (56%)



- Cyan (33%)
- Magenta (0%)
- Yellow (20%)
- Black (44%)



- Cyan (63%)
- Magenta (44%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5F8E71 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 5F8E71 by changing the saturation by 10% instead.

■ 5F8E71

■ 5F8E71

FFFFFF

■ 467458

■ 93C4A5

■ 2E5B41

■ AEE0C0

■ 16442B

■ CAFDDC

■ 002D16

■ E6FFF8

■ 001A00

■ 000000

■ 5F8E71

■ 5F8E71

■ 518E68

■ 6D8E7A

■ 438E5F

■ 7B8E83

 348E57

 8A8E8B

 268E4E

 988E94

 188E45

 A68E9D

 0A8E3C

 B48EA6

 008E36

 C28EAE

 D18EB7

 DF8EC0

Harmonies

Analogous

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



788A60



5F8E71



489087

Triad

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



5F8E71



6D85AE



AD766C

Complementary

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



5F8E71



8E5F7C

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.



AE7481



5F8E71



8C7DA7

Square

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



5F8E71



4F8BAA



A27696



A27C5D

Rectangle

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



5F8E71



3F8F95



A27696



AF7573

Sweetspot

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



5F8E71



A5B8AC



7D8E5F



515C55



DBDBDB



5C5C5C

Same Dimension

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



5F8E71



6EB88A



5F8E88



404743



008734



000803

Inverse Universe

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



8E5F7C



B86E9B



8E5F65



474045



870053



080005

Previews

White Background



This preview shows how the Hex color 5F8E71 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

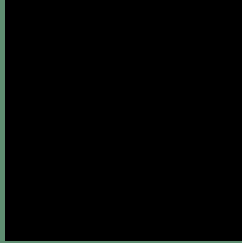
Any Text WCAG AA ✓ Pass

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 5F8E71 Background



This preview shows how black text looks on a background with the Hex color 5F8E71.



This preview shows how white text looks on a background with the Hex color 5F8E71.

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
668994

Trichromacy



Original Color
5F8E71

Protanomaly
7B876E

Deuteranomaly
818473

Tritanomaly
638B87

Monochromacy



Original Color
5F8E71

Achromatopsia
7D7D7D

Achromatomaly
728379

CSS Examples

Text

The CSS property to change the color of the text to Hex 5F8E71 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 #5F8E71 looks like.

```
.text, #text, p{  
    color:#5F8E71  
}
```

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 #5F8E71 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F8E71
}
```

Border

The CSS property to change the border of an element to Hex 5F8E71 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
#5F8E71 }
```

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

```
.border{ border-color:#5F8E71 }
```

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

Here you see how a box with a 4 pixel #5F8E71 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F8E71; -webkit-box-shadow:4px 4px  
4px 4px #5F8E71; box-shadow:4px 4px 4px  
4px #5F8E71 }
```

Background

The CSS property to change the background color of an element to Hex 5F8E71 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F8E71 }
```

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

```
.background{ background-color:#5F8E71 }
```

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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