

Converting Colors

Hex(5E8780)

Have a look what the booklet for
Hex(5E8780) contains.

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Color

Hex(5E8780)

Conversions

Conversions Part 1

Format	Color
Hex	5E8780
RGB	94, 135, 128
RGB Percent	37%, 53%, 50%
CMY	0.6314, 0.4706, 0.4980
CMYK	0.30, 0.00, 0.05, 0.47
HSL	170°, 18%, 45%
HSV	170°, 30%, 53%
XYZ	17.1763, 21.2661, 23.6216
YIQ	121.9430, -22.1890, -10.8690

Conversions

Conversions Part 2

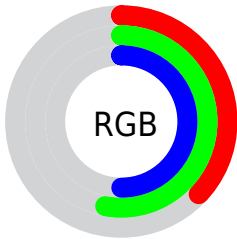
Format	Color
R_{YB}	94, 116, 135
Decimal	6195072
CIE Lab	53.24, -15.76, -0.80
CIE LCh	53, 15.783, 182.891
Yxy	21.2661, 0.2768, 0.3426
Android (android.graphics.Color)	4284385152 (0xFF5E8780)
YUV	121.9430, 2.9861, -24.5060
Hunter-Lab	46.1152, -14.2165, 1.9106

Details

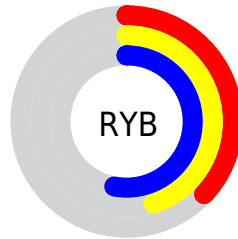
The Hex color **5E8780** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **875E65**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **92BCB5**, and **2D554F** is the 20% darker color. If you saturate the color by 10%, you get **51877E**, and if you desaturate by 10%, it is **6C8782**.

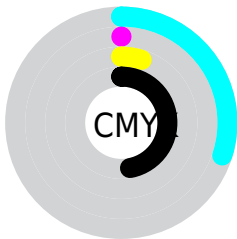
Distribution



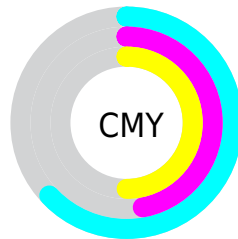
- Red (37%)
- Green (53%)
- Blue (50%)



- Red (37%)
- Yellow (45%)
- Blue (53%)



- Cyan (30%)
- Magenta (0%)
- Yellow (5%)
- Black (47%)



- Cyan (63%)
- Magenta (47%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5E8780 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 5E8780 by changing the saturation by 10% instead.

■ 5E8780

■ 5E8780

FFFFFF

■ 456E67

■ 92BCB5

■ 2D554F

■ ADD8D0

■ 153E38

■ C8F5ED

■ 002823

■ E5FFFF

■ 00140D

■ 000000

■ 5E8780

■ 5E8780

■ 51877E

■ 6C8782

■ 43877B

■ 798785

■ 368779

■ 878787

■ 288777

■ 948789

■ 1B8774

■ A2878C

■ 0D8772

■ AF878E

■ 008770

■ BD8790

■ CA8792

■ D88795

Harmonies

Analogous

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



6A8672



5E8780



5A868D

Triad

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



5E8780



837B96



947A67

Complementary

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



5E8780



875E65

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.



9B7771



5E8780



92778C

Square

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



5E8780



71809A



9A767E



887F64

Rectangle

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



5E8780



5E8594



9A767E



97796A

Sweetspot

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



5E8780



A0B0AD



66875E



4F5958



D9D9D9



595959

Same Dimension

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



5E8780



71B0A5



5E7A87



3C4241



00826C



000302

Inverse Universe

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



875E65



B0717B



876B5E



423C3D



820016



030000

Previews

White Background



This preview shows how the Hex color 5E8780 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

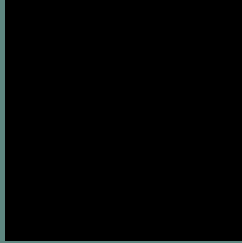
Any Text WCAG AA ✓ Pass

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 5E8780 Background



This preview shows how black text looks on a background with the Hex color 5E8780.



This preview shows how white text looks on a background with the Hex color 5E8780.

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
5E8780

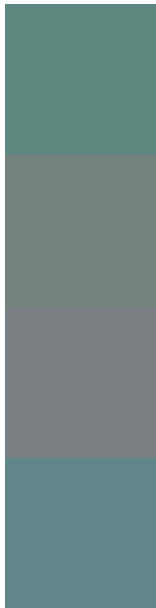
Protanopia
827E7B

Deuteranopia
897B83



Tritanopia
61858F

Trichromacy



Original Color
5E8780

Protanomaly
75817D

Deuteranomaly
797F82

Tritanomaly
60868A

Monochromacy



Original Color
5E8780

Achromatopsia
7A7A7A

Achromatomaly
707F7C

CSS Examples

Text

The CSS property to change the color of the text to Hex 5E8780 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 #5E8780 looks like.

```
.text, #text, p{  
    color:#5E8780  
}
```

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 #5E8780 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5E8780
}
```

Border

The CSS property to change the border of an element to Hex 5E8780 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
#5E8780 }
```

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

```
.border{ border-color:#5E8780 }
```

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

Here you see how a box with a 4 pixel #5E8780 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5E8780; -webkit-box-shadow:4px 4px  
4px 4px #5E8780; box-shadow:4px 4px 4px  
4px #5E8780 }
```

Background

The CSS property to change the background color of an element to Hex 5E8780 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5E8780 }
```

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

```
.background{ background-color:#5E8780 }
```

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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