

Converting Colors

Hex(5E7F89)

Have a look what the booklet for
Hex(5E7F89) contains.

Hex(5E7F89)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(5E7F89)

Conversions

Conversions Part 1

Format	Color
Hex	5E7F89
RGB	94, 127, 137
RGB Percent	37%, 50%, 54%
CMY	0.6314, 0.5020, 0.4627
CMYK	0.31, 0.07, 0.00, 0.46
HSL	194°, 19%, 45%
HSV	194°, 31%, 54%
XYZ	16.7208, 19.3646, 26.5234
YIQ	118.2730, -22.8780, -3.8860

Conversions

Conversions Part 2

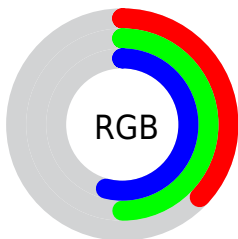
Format	Color
R_{YB}	94, 113, 137
Decimal	6193033
CIE _{Lab}	51.11, -9.11, -9.20
CIE _{LCh}	51, 12.946, 225.278
Yxy	19.3646, 0.2671, 0.3093
Android (android.graphics.Color)	4284383113 (0xFF5E7F89)
YUV	118.2730, 9.2324, -21.2874
Hunter-Lab	44.0052, -9.1838, -4.9324

Details

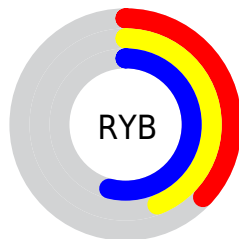
The Hex color **5E7F89** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **89685E**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **92B4BE**, and **2D4E57** is the 20% darker color. If you saturate the color by 10%, you get **507C89**, and if you desaturate by 10%, it is **6C8289**.

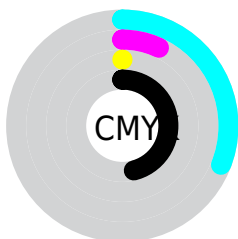
Distribution



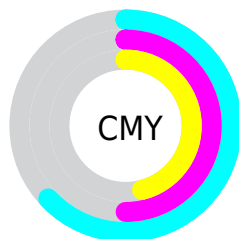
- Red (37%)
- Green (50%)
- Blue (54%)



- Red (37%)
- Yellow (44%)
- Blue (54%)



- Cyan (31%)
- Magenta (7%)
- Yellow (0%)
- Black (46%)



- Cyan (63%)
- Magenta (50%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5E7F89 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 5E7F89 by changing the saturation by 10% instead.

■ 5E7F89

■ 5E7F89

FFFFFF

■ 456670

■ 92B4BE

■ 2D4E57

■ ADCFDA

■ 153740

■ C8ECF7

■ 00222A

■ E5FFFF

■ 000916

■ 000000

■ 5E7F89

■ 5E7F89

■ 507C89

■ 6C8289

■ 437989

■ 798589

■ 357589

■ 878989

■ 277289

■ 958C89

■ 1A6F89

■ A38F89

■ 0C6C89

■ B09289

■ 006989

■ BE9589

■ CC9889

■ D99C89

Harmonies

Analogous

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



5D807F



5E7F89



677C8F

Triad

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



5E7F89



8D7380



7C7B64

Complementary

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



5E7F89



89685E

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.



887765



5E7F89



917274

Square

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



5E7F89



837589



8F746B



707E6A

Rectangle

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



5E7F89



707A90



8F746B



807A64

Sweetspot

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



5E7F89



A2AFB3



5E8967



4F5759



D9D9D9



595959

Same Dimension

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



5E7F89



6FA3B3



5E6A89



3E4345



006685



000405

Inverse Universe

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



895E7F



B36FA3



897D5E



453E43



850066



050004

Previews

White Background



This preview shows how the Hex color 5E7F89 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

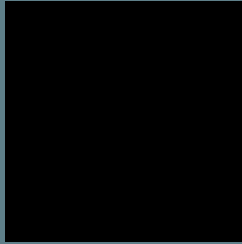
Any Text WCAG AA ✓ Pass

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 5E7F89 Background



This preview shows how black text looks on a background with the Hex color 5E7F89.

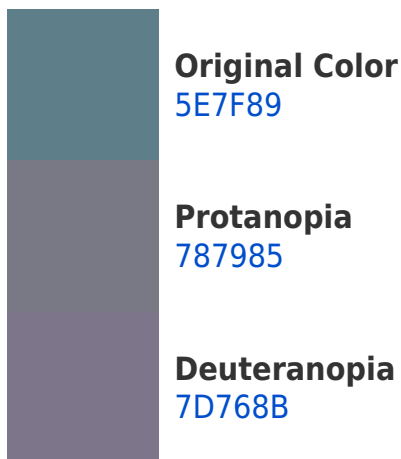


This preview shows how white text looks on a background with the Hex color 5E7F89.

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
5E7F89

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5E7F89 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 #5E7F89 looks like.

```
.text, #text, p{  
    color:#5E7F89  
}
```

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 #5E7F89 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5E7F89
}
```

Border

The CSS property to change the border of an element to Hex 5E7F89 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
#5E7F89 }
```

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

```
.border{ border-color:#5E7F89 }
```

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

Here you see how a box with a 4 pixel #5E7F89 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5E7F89; -webkit-box-shadow:4px 4px  
4px 4px #5E7F89; box-shadow:4px 4px 4px  
4px #5E7F89 }
```

Background

The CSS property to change the background color of an element to Hex 5E7F89 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5E7F89 }
```

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

```
.background{ background-color:#5E7F89 }
```

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