

Converting Colors

Hex(5E7F96)

Have a look what the booklet for
Hex(5E7F96) contains.

Hex(5E7F96)	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(5E7F96)

Conversions

Conversions Part 1

Format	Color
Hex	5E7F96
RGB	94, 127, 150
RGB Percent	37%, 50%, 59%
CMY	0.6314, 0.5020, 0.4118
CMYK	0.37, 0.15, 0.00, 0.41
HSL	205°, 23%, 48%
HSV	205°, 37%, 59%
XYZ	17.7105, 19.7604, 31.7349
YIQ	119.7550, -27.0510, 0.1570

Conversions

Conversions Part 2

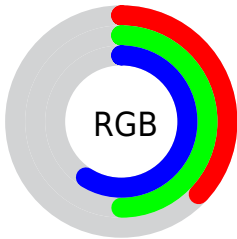
Format	Color
R_{YB}	94, 115, 150
Decimal	6193046
CIE _{Lab}	51.57, -5.65, -16.11
CIE _{LCh}	52, 17.072, 250.690
Yxy	19.7604, 0.2559, 0.2855
Android (android.graphics.Color)	4284383126 (0xFF5E7F96)
YUV	119.7550, 14.9108, -22.5871
Hunter-Lab	44.4527, -6.6757, -11.2103

Details

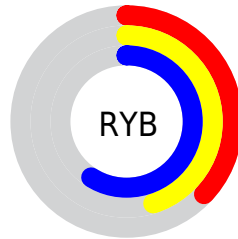
The Hex color **5E7F96** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **96755E**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **92B4CC**, and **2C4E63** is the 20% darker color. If you saturate the color by 10%, you get **4F7996**, and if you desaturate by 10%, it is **6D8596**.

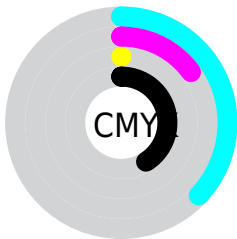
Distribution



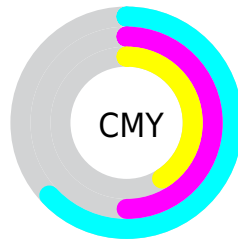
- Red (37%)
- Green (50%)
- Blue (59%)



- Red (37%)
- Yellow (45%)
- Blue (59%)



- Cyan (37%)
- Magenta (15%)
- Yellow (0%)
- Black (41%)



- Cyan (63%)
- Magenta (50%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5E7F96 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 5E7F96 by changing the saturation by 10% instead.

■ 5E7F96

■ 5E7F96

FFFFFF

■ 45667C

■ 92B4CC

■ 2C4E63

■ ADCFE8

■ 12374B

■ C9EBFF

■ 002234

■ E6FFFF

■ 000C1F

■ 000004

■ 000000

■ 5E7F96

■ 5E7F96

■ 4F7996

■ 6D8596

■ 407396

■ 7C8B96

■ 316D96

■ 8B9196

■ 226696

■ 9A9896

■ 136096

■ A99E96

■ 045A96

■ B8A496

■ 005896

■ C7AA96

■ D6B096

■ E5B696

Harmonies

Analogous

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



53828D



5E7F96



717A97

Triad

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



5E7F96



997176



708064

Complementary

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



5E7F96



96755E

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.



817C5E



5E7F96



977369

Square

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



5E7F96



927285



8E7760



608271

Rectangle

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



5E7F96



7E7794



8E7760



767F62

Sweetspot

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



5E7F96



ACB9C2



5E9674



545C61



E0E0E0



616161

Same Dimension

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



5E7F96



6B9EC2



5E6496



43474A



00518A



00060A

Inverse Universe

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



965E7F



C26B9E



96905E



4A4347



8A0051



0A0006

Previews

White Background



This preview shows how the Hex color 5E7F96 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

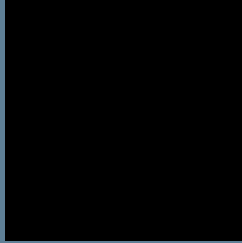
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

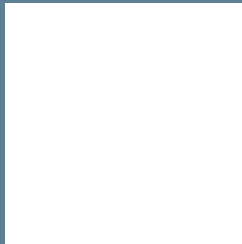
Any Text WCAG AAA × Fail

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

Hex 5E7F96 Background



This preview shows how black text looks on a background with the Hex color 5E7F96.



This preview shows how white text looks on a background with the Hex color 5E7F96.

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
5B818B

Trichromacy



Original Color
5E7F96

Protanomaly
6D7B93

Deuteranomaly
6F7B97

Tritanomaly
5C808F

Monochromacy



Original Color
5E7F96

Achromatopsia
787878

Achromatomaly
6F7B83

CSS Examples

Text

The CSS property to change the color of the text to Hex 5E7F96 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 #5E7F96 looks like.

```
.text, #text, p{  
    color:#5E7F96  
}
```

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 #5E7F96 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5E7F96
}
```

Border

The CSS property to change the border of an element to Hex 5E7F96 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
#5E7F96 }
```

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

```
.border{ border-color:#5E7F96 }
```

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

Here you see how a box with a 4 pixel #5E7F96 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5E7F96; -webkit-box-shadow:4px 4px  
4px 4px #5E7F96; box-shadow:4px 4px 4px  
4px #5E7F96 }
```

Background

The CSS property to change the background color of an element to Hex 5E7F96 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5E7F96 }
```

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

```
.background{ background-color:#5E7F96 }
```

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