

Converting Colors

Hex(5F7D87)

Have a look what the booklet for
Hex(5F7D87) contains.

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Color

Hex(5F7D87)

Conversions

Conversions Part 1

Format	Color
Hex	5F7D87
RGB	95, 125, 135
RGB Percent	37%, 49%, 53%
CMY	0.6275, 0.5098, 0.4706
CMYK	0.30, 0.07, 0.00, 0.47
HSL	195°, 17%, 45%
HSV	195°, 30%, 53%
XYZ	16.4261, 18.8494, 25.6942
YIQ	117.1700, -21.0900, -3.2500

Conversions

Conversions Part 2

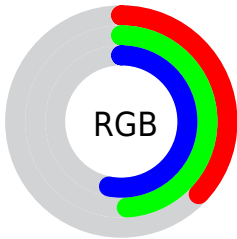
Format	Color
R _Y B	95, 112, 135
Decimal	6258055
CIE Lab	50.51, -8.18, -8.92
CIE LCh	51, 12.099, 227.483
Yxy	18.8494, 0.2694, 0.3092
Android (android.graphics.Color)	4284448135 (0xFF5F7D87)
YUV	117.1700, 8.7902, -19.4431
Hunter-Lab	43.4159, -8.4436, -4.6976

Details

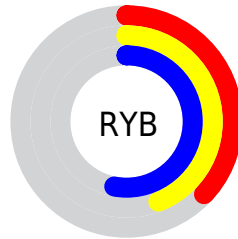
The Hex color **5F7D87** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **87695F**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **93B2BC**, and **2F4C55** is the 20% darker color. If you saturate the color by 10%, you get **527A87**, and if you desaturate by 10%, it is **6D8087**.

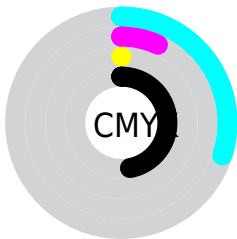
Distribution



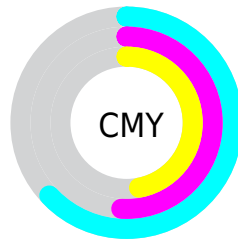
- Red (37%)
- Green (49%)
- Blue (53%)



- Red (37%)
- Yellow (44%)
- Blue (53%)



- Cyan (30%)
- Magenta (7%)
- Yellow (0%)
- Black (47%)



- Cyan (63%)
- Magenta (51%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5F7D87 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 5F7D87 by changing the saturation by 10% instead.



5F7D87



5F7D87

FFFFFF



46646E



93B2BC



2F4C55



ADCDD8



17353E



C9E9F4



002028



E5FFFF



000414



000000



5F7D87



5F7D87



527A87



6D8087



447687



7A8487

■ 377387

■ 888787

■ 297087

■ 958B87

■ 1C6C87

■ A38E87

■ 0E6987

■ B09187

■ 016587

■ BE9587

■ 006587

■ CB9887

■ D99B87

Harmonies

Analogous

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



5E7E7E



5F7D87



687A8C

Triad

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



5F7D87



8A727D



7A7965

Complementary

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



5F7D87



87695F

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.



857664



5F7D87



8E7172

Square

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



5F7D87



817486



8C7369



6E7C6A

Rectangle

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



5F7D87



70788C



8C7369



7E7864

Sweetspot

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



5F7D87



A0ACB0



5F8769



4F5759



D9D9D9



595959

Same Dimension

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



5F7D87



71A0B0



5F6987



3C4142



006282



000203

Inverse Universe

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



875F7D



B071A0



877D5F



423C41



820062



030002

Previews

White Background



This preview shows how the Hex color 5F7D87 looks on a white background.

Color Contrast Check

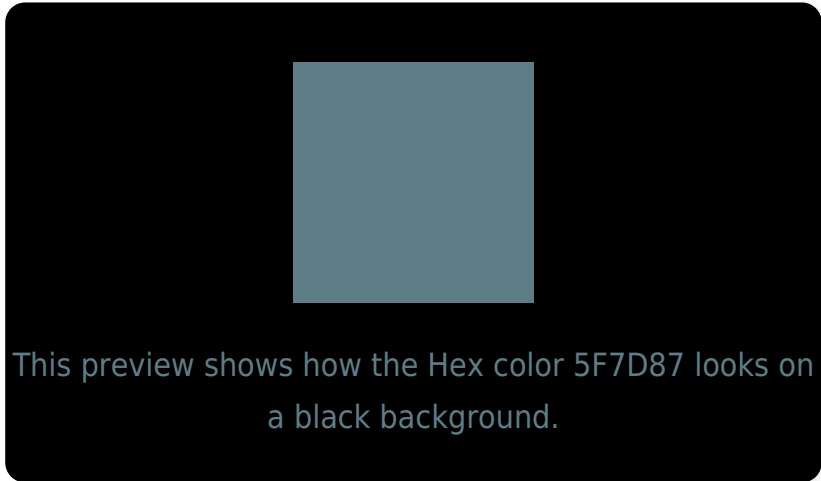
Large Text (above 18pt) WCAG AA ✓ Pass

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

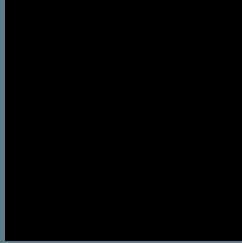
Any Text WCAG AA ✓ Pass

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 5F7D87 Background



This preview shows how black text looks on a background with the Hex color 5F7D87.

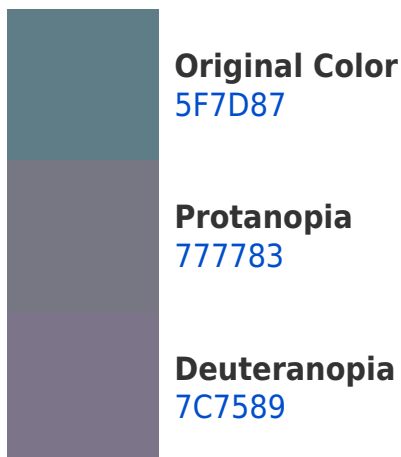


This preview shows how white text looks on a background with the Hex color 5F7D87.

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](#).

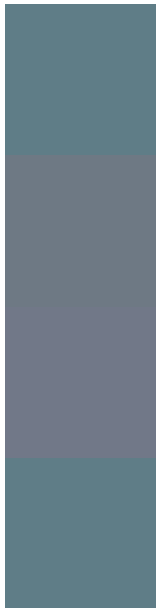
Dichromacy





Tritanopia
5F7D87

Trichromacy



Original Color
5F7D87

Protanomaly
6E7984

Deuteranomaly
717888

Tritanomaly
5F7D87

Monochromacy



Original Color
5F7D87

Achromatopsia
757575

Achromatomaly
6D787C

CSS Examples

Text

The CSS property to change the color of the text to Hex 5F7D87 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 #5F7D87 looks like.

```
.text, #text, p{  
    color:#5F7D87  
}
```

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 #5F7D87 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F7D87
}
```

Border

The CSS property to change the border of an element to Hex 5F7D87 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
#5F7D87 }
```

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

```
.border{ border-color:#5F7D87 }
```

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

Here you see how a box with a 4 pixel #5F7D87 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F7D87; -webkit-box-shadow:4px 4px  
4px 4px #5F7D87; box-shadow:4px 4px 4px  
4px #5F7D87 }
```

Background

The CSS property to change the background color of an element to Hex 5F7D87 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F7D87 }
```

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

```
.background{ background-color:#5F7D87 }
```

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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