

Converting Colors

Hex(5F687F)

Have a look what the booklet for
Hex(5F687F) contains.

Hex(5F687F)	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(5F687F)

Conversions

Conversions Part 1

Format	Color
Hex	5F687F
RGB	95, 104, 127
RGB Percent	37%, 41%, 50%
CMY	0.6275, 0.5922, 0.5020
CMYK	0.25, 0.18, 0.00, 0.50
HSL	223°, 14%, 44%
HSV	223°, 25%, 50%
XYZ	13.5004, 13.8658, 22.0435
YIQ	103.9310, -12.7470, 5.2450

Conversions

Conversions Part 2

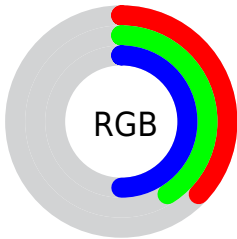
Format	Color
R _Y B	95, 102, 127
Decimal	6252671
CIE Lab	44.04, 2.09, -13.92
CIE LCh	44, 14.075, 278.525
Yxy	13.8658, 0.2732, 0.2806
Android (android.graphics.Color)	4284442751 (0xFF5F687F)
YUV	103.9310, 11.3730, -7.8325
Hunter-Lab	37.2369, -0.4485, -9.0327

Details

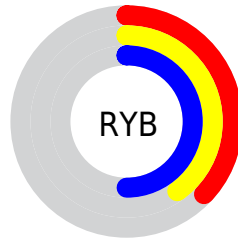
The Hex color **5F687F** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **7F765F**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **929BB4**, and **30394E** is the 20% darker color. If you saturate the color by 10%, you get **525F7F**, and if you desaturate by 10%, it is **6C717F**.

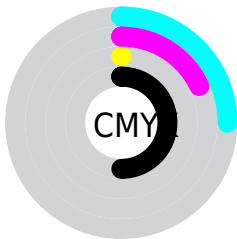
Distribution



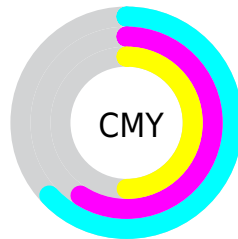
- Red (37%)
- Green (41%)
- Blue (50%)



- Red (37%)
- Yellow (40%)
- Blue (50%)



- Cyan (25%)
- Magenta (18%)
- Yellow (0%)
- Black (50%)



- Cyan (63%)
- Magenta (59%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5F687F 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 5F687F by changing the saturation by 10% instead.

■ 5F687F

■ 5F687F

FFFFFF

■ 475066

■ 929BB4

■ 30394E

■ ADB6CF

■ 1A2437

■ C8D1EC

■ 030E22

■ E4EEFF

■ 000009

■ 000000

■ 5F687F

■ 5F687F

■ 525F7F

■ 6C717F

■ 46567F

■ 787A7F

■ 394D7F

■ 85837F

■ 2C437F

■ 928D7F

■ 203A7F

■ 9F967F

■ 13317F

■ AB9F7F

■ 06287F

■ B8A87F

■ 00247F

■ C5B17F

■ D1BA7F

Harmonies

Analogous

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



516C7D



5F687F



6E647A

Triad

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



5F687F



7F615A



546E5F

Complementary

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



5F687F



7F765F

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.



616C56



5F687F



796553

Square

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



5F687F



806065



6E6851



4A6F6B

Rectangle

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



5F687F



776274



6E6851



586D5C

Sweetspot

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



5F687F



989CA6



5F7F76



4C4E54



D4D4D4



545454

Same Dimension

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



5F687F



7482A6



665F7F



393B40



002480



000000

Inverse Universe

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



7F5F68



A67482



787F5F



40393B



800024



000000

Previews

White Background



This preview shows how the Hex color 5F687F looks on a white 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

Black Background



This preview shows how the Hex color 5F687F looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

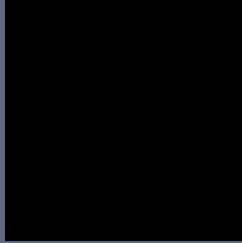
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

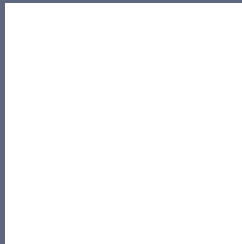
Any Text WCAG AAA × Fail

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

Hex 5F687F Background



This preview shows how black text looks on a background with the Hex color 5F687F.

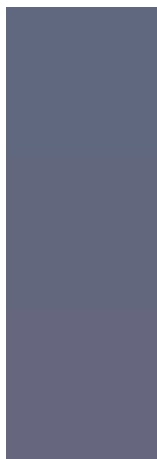


This preview shows how white text looks on a background with the Hex color 5F687F.

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

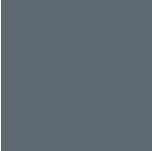
5F687F

Protanopia

63677E

Deuteranopia

66667F



Tritanopia
5D6A73

Trichromacy



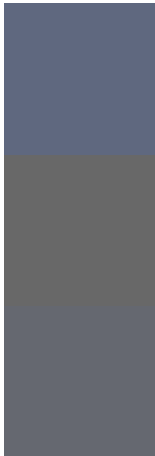
Original Color
5F687F

Protanomaly
62677E

Deuteranomaly
63677F

Tritanomaly
5E6977

Monochromacy



Original Color
5F687F

Achromatopsia
686868

Achromatomaly
656870

CSS Examples

Text

The CSS property to change the color of the text to Hex 5F687F 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 #5F687F looks like.

```
.text, #text, p{  
    color:#5F687F  
}
```

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 #5F687F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F687F
}
```

Border

The CSS property to change the border of an element to Hex 5F687F 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
#5F687F }
```

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

```
.border{ border-color:#5F687F }
```

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

Here you see how a box with a 4 pixel #5F687F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F687F; -webkit-box-shadow:4px 4px  
4px 4px #5F687F; box-shadow:4px 4px 4px  
4px #5F687F }
```

Background

The CSS property to change the background color of an element to Hex 5F687F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F687F }
```

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

```
.background{ background-color:#5F687F }
```

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