

Converting Colors

Hex(5F688D)

Have a look what the booklet for
Hex(5F688D) contains.

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Color

Hex(5F688D)

Conversions

Conversions Part 1

Format	Color
Hex	5F688D
RGB	95, 104, 141
RGB Percent	37%, 41%, 55%
CMY	0.6275, 0.5922, 0.4471
CMYK	0.33, 0.26, 0.00, 0.45
HSL	228°, 19%, 46%
HSV	228°, 33%, 55%
XYZ	14.4773, 14.2566, 27.1881
YIQ	105.5270, -17.2410, 9.5990

Conversions

Conversions Part 2

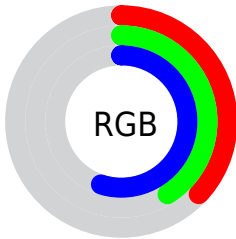
Format	Color
R _Y B	95, 103, 141
Decimal	6252685
CIE Lab	44.60, 5.82, -21.46
CIE LCh	45, 22.237, 285.185
Yxy	14.2566, 0.2589, 0.2549
Android (android.graphics.Color)	4284442765 (0xFF5F688D)
YUV	105.5270, 17.4882, -9.2322
Hunter-Lab	37.7579, 2.3651, -16.2619

Details

The Hex color **5F688D** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **8D845F**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **939BC3**, and **2E395B** is the 20% darker color. If you saturate the color by 10%, you get **515D8D**, and if you desaturate by 10%, it is **6D738D**.

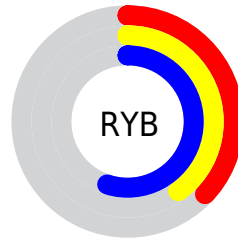
Distribution



Red (37%)

Green (41%)

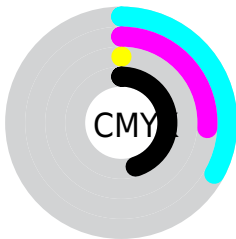
Blue (55%)



Red (37%)

Yellow (40%)

Blue (55%)

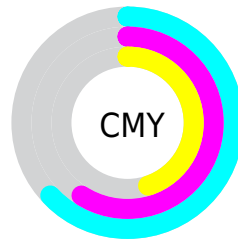


Cyan (33%)

Magenta (26%)

Yellow (0%)

Black (45%)



Cyan (63%)

Magenta (59%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5F688D 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 5F688D by changing the saturation by 10% instead.



5F688D



5F688D

FFFFFF



465073



939BC3



2E395B



AEB6DF



172443



C9D1FB



000E2D



E6EEFF



000118



000000



5F688D



5F688D



515D8D



6D738D



43518D



7B7F8D

■ 35468D

■ 898A8D

■ 273B8D

■ 97958D

■ 182F8D

■ A6A18D

■ 0A248D

■ B4AC8D

■ 001C8D

■ C2B78D

■ D0C38D

■ DECE8D

Harmonies

Analogous

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



436E8D



5F688D



786184

Triad

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



5F688D



8B5F50



42735F

Complementary

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



5F688D



8D845F

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.



58704F



5F688D



7F6546

Square

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



5F688D



8E5C61



6D6B45



307472

Rectangle

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



5F688D



845E79



6D6B45



497259

Sweetspot

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



5F688D



A5A9B8



5F8D84



51535C



DBDBDB



5C5C5C

Same Dimension

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



5F688D



707EB8



6D5F8D



404247



001A87



000108

Inverse Universe

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



8D5F68



B8707E



7F8D5F



474042



87001A



080001

Previews

White Background



This preview shows how the Hex color 5F688D looks on a white background.

Color Contrast Check

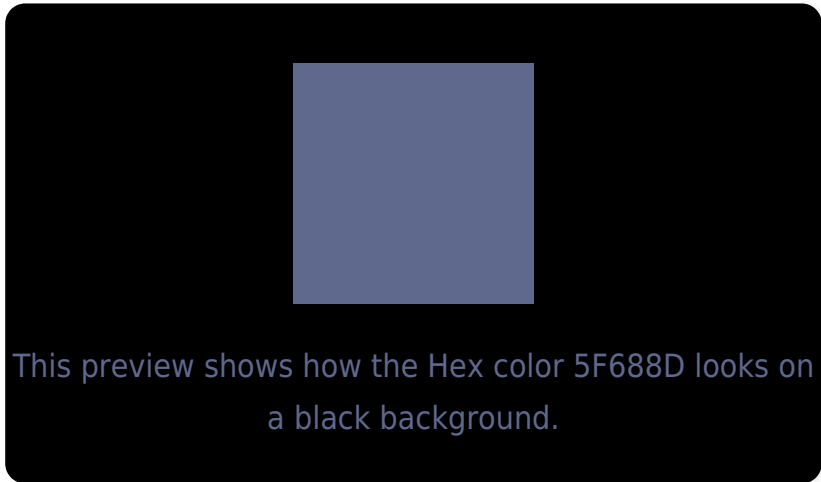
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

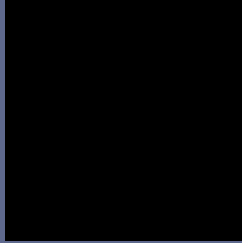
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

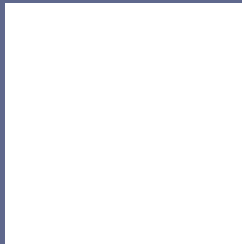
Any Text WCAG AAA × Fail

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

Hex 5F688D Background



This preview shows how black text looks on a background with the Hex color 5F688D.



This preview shows how white text looks on a background with the Hex color 5F688D.

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

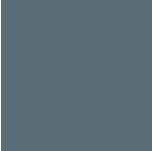
5F688D

Protanopia

5F688D

Deuteranopia

60688D



Tritanopia
5A6C75

Trichromacy



Original Color
5F688D

Protanomaly
5F688D

Deuteranomaly
60688D

Tritanomaly
5C6B7E

Monochromacy



Original Color
5F688D

Achromatopsia
6A6A6A

Achromatomaly
666977

CSS Examples

Text

The CSS property to change the color of the text to Hex 5F688D 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 #5F688D looks like.

```
.text, #text, p{  
    color:#5F688D  
}
```

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 #5F688D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F688D
}
```

Border

The CSS property to change the border of an element to Hex 5F688D 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
#5F688D }
```

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

```
.border{ border-color:#5F688D }
```

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

Here you see how a box with a 4 pixel #5F688D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F688D; -webkit-box-shadow:4px 4px  
4px 4px #5F688D; box-shadow:4px 4px 4px  
4px #5F688D }
```

Background

The CSS property to change the background color of an element to Hex 5F688D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F688D }
```

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

```
.background{ background-color:#5F688D }
```

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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