

Converting Colors

Hex(5F6B8B)

Have a look what the booklet for
Hex(5F6B8B) contains.

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Color

Hex(5F6B8B)

Conversions

Conversions Part 1

Format	Color
Hex	5F6B8B
RGB	95, 107, 139
RGB Percent	37%, 42%, 55%
CMY	0.6275, 0.5804, 0.4549
CMYK	0.32, 0.23, 0.00, 0.45
HSL	224°, 19%, 46%
HSV	224°, 32%, 55%
XYZ	14.6372, 14.8124, 26.5137
YIQ	107.0600, -17.4240, 7.4080

Conversions

Conversions Part 2

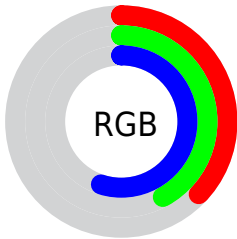
Format	Color
R _Y B	95, 104, 139
Decimal	6253451
CIE Lab	45.38, 3.45, -19.07
CIE LCh	45, 19.381, 280.263
Yxy	14.8124, 0.2616, 0.2647
Android (android.graphics.Color)	4284443531 (0xFF5F6B8B)
YUV	107.0600, 15.7464, -10.5766
Hunter-Lab	38.4868, 0.5347, -13.9043

Details

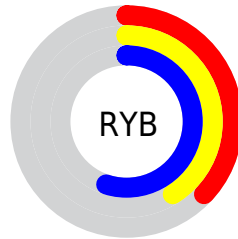
The Hex color **5F6B8B** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **8B7F5F**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **939EC1**, and **2F3C59** is the 20% darker color. If you saturate the color by 10%, you get **51618B**, and if you desaturate by 10%, it is **6D758B**.

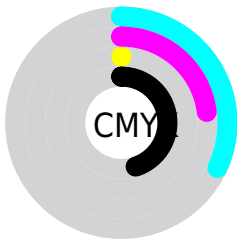
Distribution



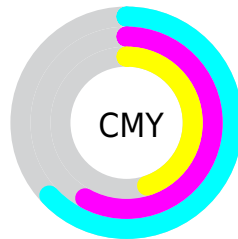
- Red (37%)
- Green (42%)
- Blue (55%)



- Red (37%)
- Yellow (41%)
- Blue (55%)



- Cyan (32%)
- Magenta (23%)
- Yellow (0%)
- Black (45%)



- Cyan (63%)
- Magenta (58%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5F6B8B 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 5F6B8B by changing the saturation by 10% instead.



5F6B8B



5F6B8B

FFFFFF



465371



939EC1



2F3C59



ADB9DD



172641



C9D5F9



00122B



E5F1FF



000116



000000



5F6B8B



5F6B8B



51618B



6D758B



43578B



7B7F8B

■ 354D8B

■ 89898B

■ 27438B

■ 97938B

■ 1A388B

■ A59E8B

■ 0C2E8B

■ B2A88B

■ 00268B

■ C0B28B

■ CEBC8B

■ DCC68B

Harmonies

Analogous

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



497089



5F6B8B



756584

Triad

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



5F6B8B



8A6257



4D7460

Complementary

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



5F6B8B



8B7F5F

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.



5F7152



5F6B8B



80674D

Square

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



5F6B8B



8C6066



716C4B



3E7471

Rectangle

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



5F6B8B



80627C



716C4B



53735B

Sweetspot

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



5F6B8B



A5A9B5



5F8B7F



52545C



DBDBDB



5C5C5C

Same Dimension

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



5F6B8B



7083B5



695F8B



3E4045



002485



000105

Inverse Universe

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



8B5F6B



B57083



818B5F



453E40



850024



050001

Previews

White Background



This preview shows how the Hex color 5F6B8B looks on a white background.

Color Contrast Check

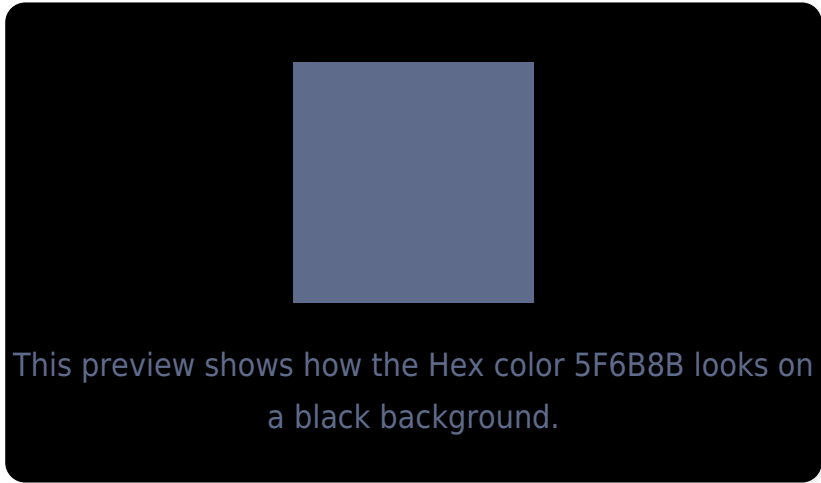
Large Text (above 18pt) WCAG AA ✓ Pass

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

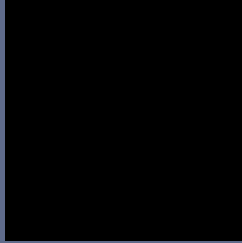
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

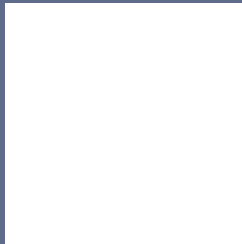
Any Text WCAG AAA × Fail

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

Hex 5F6B8B Background



This preview shows how black text looks on a background with the Hex color 5F6B8B.

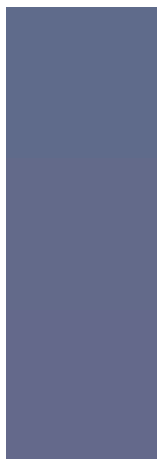


This preview shows how white text looks on a background with the Hex color 5F6B8B.

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

5F6B8B

Protanopia

636A8A

Deuteranopia

64698B



Tritanopia
5B6F77

Trichromacy



Original Color
5F6B8B

Protanomaly
626A8A

Deuteranomaly
626A8B

Tritanomaly
5C6E7E

Monochromacy



Original Color
5F6B8B

Achromatopsia
6B6B6B

Achromatomaly
676B77

CSS Examples

Text

The CSS property to change the color of the text to Hex 5F6B8B 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 #5F6B8B looks like.

```
.text, #text, p{  
    color:#5F6B8B  
}
```

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 #5F6B8B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F6B8B  
}
```

Border

The CSS property to change the border of an element to Hex 5F6B8B 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  
#5F6B8B }
```

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

```
.border{ border-color:#5F6B8B }
```

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

Here you see how a box with a 4 pixel #5F6B8B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F6B8B; -webkit-box-shadow:4px 4px  
4px 4px #5F6B8B; box-shadow:4px 4px 4px  
4px #5F6B8B }
```

Background

The CSS property to change the background color of an element to Hex 5F6B8B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F6B8B }
```

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

```
.background{ background-color:#5F6B8B }
```

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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