

Converting Colors

Hex(5F6888)

Have a look what the booklet for
Hex(5F6888) contains.

Hex(5F6888)	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(5F6888)

Conversions

Conversions Part 1

Format	Color
Hex	5F6888
RGB	95, 104, 136
RGB Percent	37%, 41%, 53%
CMY	0.6275, 0.5922, 0.4667
CMYK	0.30, 0.24, 0.00, 0.47
HSL	227°, 18%, 45%
HSV	227°, 30%, 53%
XYZ	14.1136, 14.1111, 25.2724
YIQ	104.9570, -15.6360, 8.0440

Conversions

Conversions Part 2

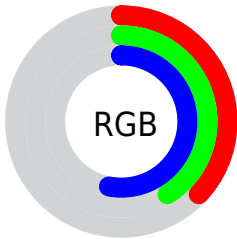
Format	Color
R_{YB}	95, 102, 136
Decimal	6252680
CIE Lab	44.39, 4.46, -18.79
CIE LCh	44, 19.310, 283.356
Yxy	14.1111, 0.2638, 0.2638
Android (android.graphics.Color)	4284442760 (0xFF5F6888)
YUV	104.9570, 15.3042, -8.7323
Hunter-Lab	37.5647, 1.3265, -13.5932

Details

The Hex color **5F6888** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **887F5F**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **929BBD**, and **2F3956** is the 20% darker color. If you saturate the color by 10%, you get **515D88**, and if you desaturate by 10%, it is **6D7388**.

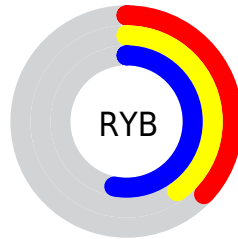
Distribution



Red (37%)

Green (41%)

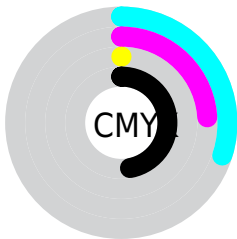
Blue (53%)



Red (37%)

Yellow (40%)

Blue (53%)

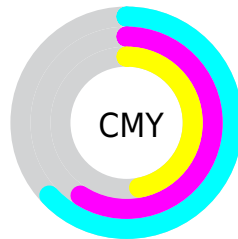


Cyan (30%)

Magenta (24%)

Yellow (0%)

Black (47%)



Cyan (63%)

Magenta (59%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5F6888 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 5F6888 by changing the saturation by 10% instead.



5F6888



5F6888

FFFFFF



47506F



929BBD



2F3956



ADB6D9



18243F



C9D1F6



010E29



E5EEFF



000113



000000



5F6888



5F6888



515D88



6D7388



445388



7A7D88

■ 364888

■ 888888

■ 293E88

■ 959288

■ 1B3388

■ A39D88

■ 0D2888

■ B1A888

■ 001E88

■ BEB288

■ CCBD88

■ D9C888

Harmonies

Analogous

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



486D87



5F6888



746280

Triad

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



5F6888



876054



49715F

Complementary

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



5F6888



887F5F

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.



5B6F51



5F6888



7D654B

Square

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



5F6888



895D62



6D6A4A



3B7270

Rectangle

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



5F6888



7F5F78



6D6A4A



4F715A

Sweetspot

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



5F6888



A0A4B0



5F887E



4F5259



D9D9D9



595959

Same Dimension

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



5F6888



717FB0



6A5F88



3E3F45



001D85



000105

Inverse Universe

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



885F68



B0717F



7D885F



453E3F



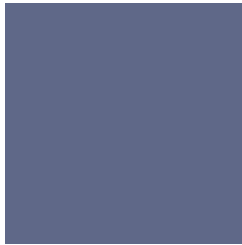
85001D



050001

Previews

White Background



This preview shows how the Hex color 5F6888 looks on a white background.

Color Contrast Check

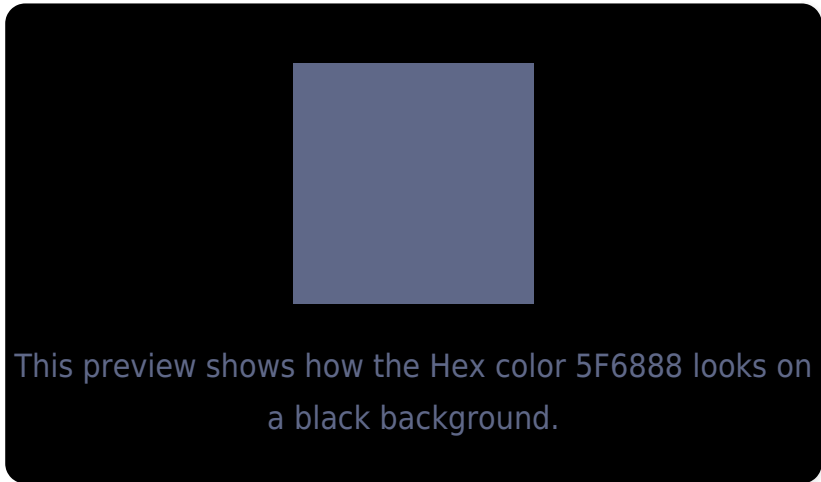
Large Text (above 18pt) WCAG AA ✓ Pass

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

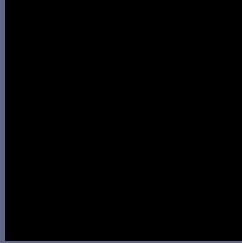
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

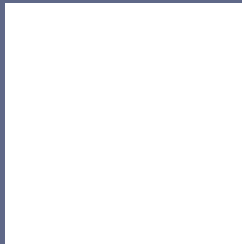
Any Text WCAG AAA × Fail

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

Hex 5F6888 Background



This preview shows how black text looks on a background with the Hex color 5F6888.

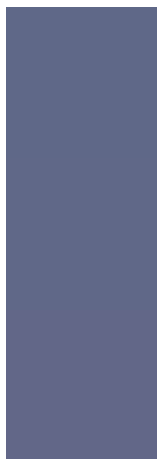


This preview shows how white text looks on a background with the Hex color 5F6888.

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

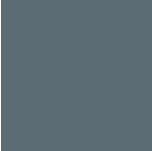
5F6888

Protanopia

606888

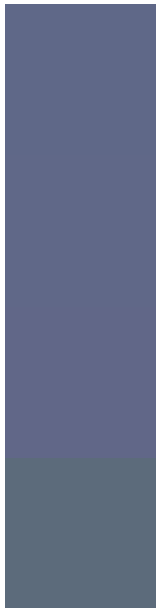
Deuteranopia

626788



Tritanopia
5B6C74

Trichromacy



Original Color
5F6888

Protanomaly
606888

Deuteranomaly
616788

Tritanomaly
5C6B7B

Monochromacy



Original Color
5F6888

Achromatopsia
696969

Achromatomaly
656974

CSS Examples

Text

The CSS property to change the color of the text to Hex 5F6888 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 #5F6888 looks like.

```
.text, #text, p{  
    color:#5F6888  
}
```

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 #5F6888 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F6888
}
```

Border

The CSS property to change the border of an element to Hex 5F6888 is called "border". The border property can be set on classes, ids or directly on the HTML element.

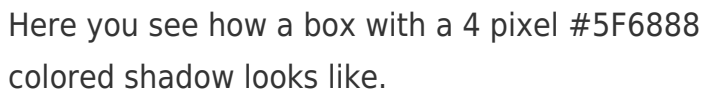
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5F6888 }
```

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

```
.border{ border-color:#5F6888 }
```

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



Here you see how a box with a 4 pixel #5F6888 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F6888; -webkit-box-shadow:4px 4px  
4px 4px #5F6888; box-shadow:4px 4px 4px  
4px #5F6888 }
```

Background

The CSS property to change the background color of an element to Hex 5F6888 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F6888 }
```

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

```
.background{ background-color:#5F6888 }
```

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