

Converting Colors

Hex(5F6F99)

Have a look what the booklet for
Hex(5F6F99) contains.

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Color

Hex(5F6F99)

Conversions

Conversions Part 1

Format	Color
Hex	5F6F99
RGB	95, 111, 153
RGB Percent	37%, 44%, 60%
CMY	0.6275, 0.5647, 0.4000
CMYK	0.38, 0.27, 0.00, 0.40
HSL	223°, 23%, 49%
HSV	223°, 38%, 60%
XYZ	16.1535, 16.1017, 32.3935
YIQ	111.0040, -23.0180, 9.6700

Conversions

Conversions Part 2

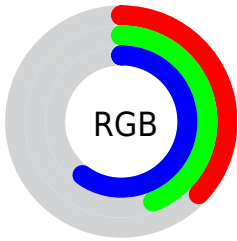
Format	Color
R _Y B	95, 108, 153
Decimal	6254489
CIE _{Lab}	47.11, 4.94, -24.71
CIE _{LCh}	47, 25.198, 281.310
Y _{xy}	16.1017, 0.2499, 0.2491
Android (android.graphics.Color)	4284444569 (0xFF5F6F99)
YUV	111.0040, 20.7040, -14.0355
Hunter-Lab	40.1269, 1.6351, -19.7747

Details

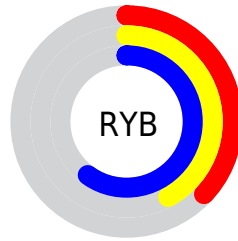
The Hex color **5F6F99** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **99895F**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **93A2D0**, and **2D4066** is the 20% darker color. If you saturate the color by 10%, you get **506499**, and if you desaturate by 10%, it is **6E7A99**.

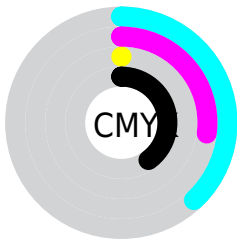
Distribution



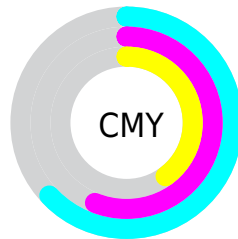
- Red (37%)
- Green (44%)
- Blue (60%)



- Red (37%)
- Yellow (42%)
- Blue (60%)



- Cyan (38%)
- Magenta (27%)
- Yellow (0%)
- Black (40%)



- Cyan (63%)
- Magenta (56%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5F6F99 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 5F6F99 by changing the saturation by 10% instead.

■ 5F6F99

■ 5F6F99

FFFFFF

■ 46577F

■ 93A2D0

■ 2D4066

■ AFBDEC

■ 132A4E

■ CAD9FF

■ 001637

■ E7F6FF

■ 000221

■ 000006

■ 000000

■ 5F6F99

■ 5F6F99

■ 506499

■ 6E7A99

■ 405999

■ 7E8599

■ 314E99

■ 8D9099

■ 224399

■ 9C9B99

■ 123899

■ ABA699

■ 032D99

■ BBB199

■ 002A99

■ CABD99

■ D9C899

■ E9D399

Harmonies

Analogous

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



3D7697



5F6F99



7D6790

Triad

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



5F6F99



966355



457A61

Complementary

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



5F6F99



99895F

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.



5F774F



5F6F99



8A6A48

Square

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



5F6F99



996068



767146



2C7B77

Rectangle

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



5F6F99



8B6384



767146



4E795B

Sweetspot

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



5F6F99



B1B7C7



5F9989



575A63



E3E3E3



636363

Same Dimension

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



5F6F99



6D86C7



6C5F99



45474D



00278C



00040D

Inverse Universe

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



995F6F



C76D86



8C995F



4D4547



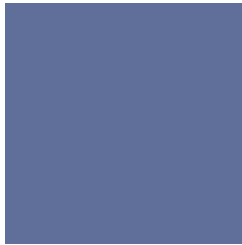
8C0027



0D0004

Previews

White Background



This preview shows how the Hex color 5F6F99 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 5F6F99 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

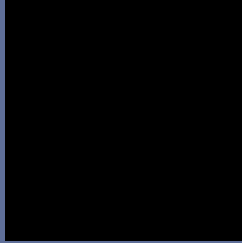
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

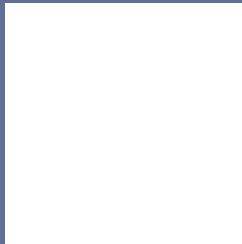
Any Text WCAG AAA × Fail

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

Hex 5F6F99 Background



This preview shows how black text looks on a background with the Hex color 5F6F99.

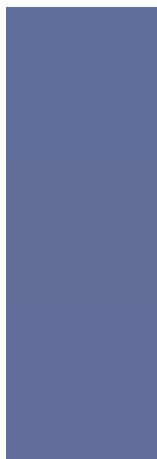


This preview shows how white text looks on a background with the Hex color 5F6F99.

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

5F6F99

Protanopia

636E98

Deuteranopia

626E99



Tritanopia
58747D

Trichromacy



Original Color
5F6F99

Protanomaly
626E98

Deuteranomaly
616E99

Tritanomaly
5B7287

Monochromacy



Original Color
5F6F99

Achromatopsia
6F6F6F

Achromatomaly
696F7E

CSS Examples

Text

The CSS property to change the color of the text to Hex 5F6F99 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 #5F6F99 looks like.

```
.text, #text, p{  
    color:#5F6F99  
}
```

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 #5F6F99 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F6F99
}
```

Border

The CSS property to change the border of an element to Hex 5F6F99 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
#5F6F99 }
```

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

```
.border{ border-color:#5F6F99 }
```

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

Here you see how a box with a 4 pixel #5F6F99 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F6F99; -webkit-box-shadow:4px 4px  
4px 4px #5F6F99; box-shadow:4px 4px 4px  
4px #5F6F99 }
```

Background

The CSS property to change the background color of an element to Hex 5F6F99 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F6F99 }
```

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

```
.background{ background-color:#5F6F99 }
```

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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