

Converting Colors

Hex(5F6897)

Have a look what the booklet for
Hex(5F6897) contains.

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Color

Hex(5F6897)

Conversions

Conversions Part 1

Format	Color
Hex	5F6897
RGB	95, 104, 151
RGB Percent	37%, 41%, 59%
CMY	0.6275, 0.5922, 0.4078
CMYK	0.37, 0.31, 0.00, 0.41
HSL	230°, 23%, 48%
HSV	230°, 37%, 59%
XYZ	15.2555, 14.5679, 31.2860
YIQ	106.6670, -20.4510, 12.7090

Conversions

Conversions Part 2

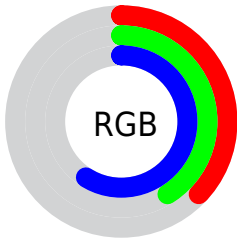
Format	Color
R_{YB}	95, 103, 151
Decimal	6252695
CIE _{Lab}	45.04, 8.64, -26.74
CIE _{LCh}	45, 28.101, 287.903
Yxy	14.5679, 0.2496, 0.2384
Android (android.graphics.Color)	4284442775 (0xFF5F6897)
YUV	106.6670, 21.8562, -10.2320
Hunter-Lab	38.1679, 4.5518, -21.8821

Details

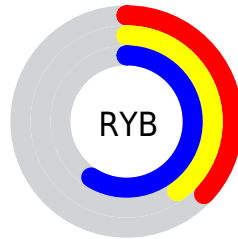
The Hex color **5F6897** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **978E5F**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **939BCD**, and **2D3964** is the 20% darker color. If you saturate the color by 10%, you get **505B97**, and if you desaturate by 10%, it is **6E7597**.

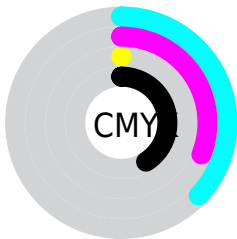
Distribution



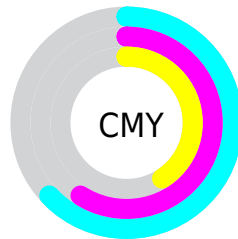
- Red (37%)
- Green (41%)
- Blue (59%)



- Red (37%)
- Yellow (40%)
- Blue (59%)



- Cyan (37%)
- Magenta (31%)
- Yellow (0%)
- Black (41%)



- Cyan (63%)
- Magenta (59%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5F6897 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 5F6897 by changing the saturation by 10% instead.

■ 5F6897

■ 5F6897

FFFFFF

■ 46507D

■ 939BCD

■ 2D3964

■ AEB6EA

■ 13244C

■ CAD1FF

■ 000F35

■ E7EEFF

■ 00021F

■ 000002

■ 000000

■ 5F6897

■ 5F6897

■ 505B97

■ 6E7597

■ 414F97

■ 7D8197

■ 324297

■ 8C8E97

■ 233597

■ 9B9B97

■ 132997

■ ABA797

■ 041C97

■ BAB497

■ 001897

■ C9C197

■ D8CD97

■ E7DA97

Harmonies

Analogous

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



367098



5F6897



7F5F8A

Triad

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



5F6897



925E49



327660

Complementary

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



5F6897



978E5F

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.



51734A



5F6897



82663D

Square

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



5F6897



98595D



6C6E3D



047778

Rectangle

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



5F6897



8D5B7D



6C6E3D



3D7658

Sweetspot

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



5F6897



AFB2C4



5F978E



575963



E3E3E3



636363

Same Dimension

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



5F6897



6C7AC4



725F97



45464D



00178C



00020D

Inverse Universe

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



975F68



C46C7A



84975F



4D4546



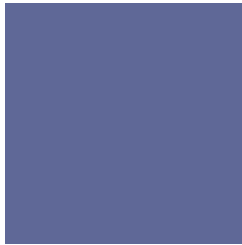
8C0017



0D0002

Previews

White Background



This preview shows how the Hex color 5F6897 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

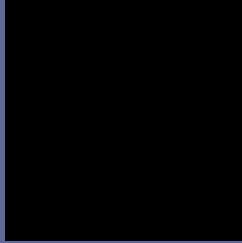
Any Text WCAG AA × Fail

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 5F6897 Background



This preview shows how black text looks on a background with the Hex color 5F6897.

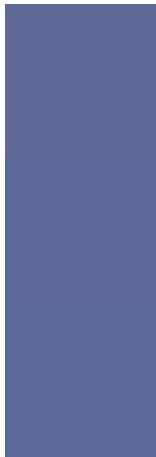


This preview shows how white text looks on a background with the Hex color 5F6897.

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
5F6897

Protanopia
5C6998

Deuteranopia
5A6997



Tritanopia
576E77

Trichromacy



Original Color
5F6897

Protanomaly
5D6998

Deuteranomaly
5C6997

Tritanomaly
5A6C83

Monochromacy



Original Color
5F6897

Achromatopsia
6B6B6B

Achromatomaly
676A7B

CSS Examples

Text

The CSS property to change the color of the text to Hex 5F6897 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 #5F6897 looks like.

```
.text, #text, p{  
    color:#5F6897  
}
```

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 #5F6897 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F6897  
}
```

Border

The CSS property to change the border of an element to Hex 5F6897 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  
#5F6897 }
```

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

```
.border{ border-color:#5F6897 }
```

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

Here you see how a box with a 4 pixel #5F6897 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F6897; -webkit-box-shadow:4px 4px  
4px 4px #5F6897; box-shadow:4px 4px 4px  
4px #5F6897 }
```

Background

The CSS property to change the background color of an element to Hex 5F6897 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F6897 }
```

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

```
.background{ background-color:#5F6897 }
```

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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