

Converting Colors

Hex(5B6F97)

Have a look what the booklet for
Hex(5B6F97) contains.

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Color

Hex(5B6F97)

Conversions

Conversions Part 1

Format	Color
Hex	5B6F97
RGB	91, 111, 151
RGB Percent	36%, 44%, 59%
CMY	0.6431, 0.5647, 0.4078
CMYK	0.40, 0.26, 0.00, 0.41
HSL	220°, 25%, 47%
HSV	220°, 40%, 59%
XYZ	15.5847, 15.8274, 31.5117
YIQ	109.5800, -24.7600, 8.2000

Conversions

Conversions Part 2

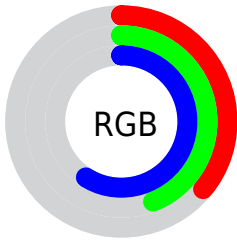
Format	Color
R _Y B	91, 106, 151
Decimal	5992343
CIE Lab	46.75, 3.21, -24.11
CIE LCh	47, 24.320, 277.574
Yxy	15.8274, 0.2477, 0.2515
Android (android.graphics.Color)	4284182423 (0xFF5B6F97)
YUV	109.5800, 20.4201, -16.2947
Hunter-Lab	39.7837, 0.3037, -19.1137

Details

The Hex color **5B6F97** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **97835B**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **8FA2CD**, and **294064** is the 20% darker color. If you saturate the color by 10%, you get **4C6597**, and if you desaturate by 10%, it is **6A7997**.

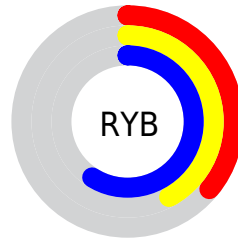
Distribution



Red (36%)

Green (44%)

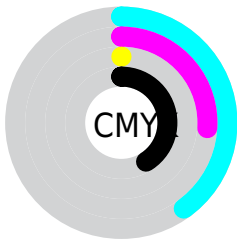
Blue (59%)



Red (36%)

Yellow (42%)

Blue (59%)

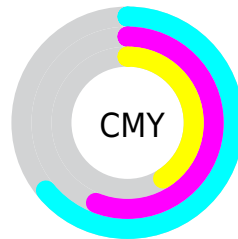


Cyan (40%)

Magenta (26%)

Yellow (0%)

Black (41%)



Cyan (64%)

Magenta (56%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5B6F97 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 5B6F97 by changing the saturation by 10% instead.

■ 5B6F97

FFFFFF

■ 8FA2CD

■ AABDEA

■ C6D9FF

■ E3F6FF

■ 5B6F97

■ 4C6597

■ 5B6F97

■ 42577D

■ 294064

■ 0D2A4C

■ 001635

■ 000220

■ 000003

■ 000000

■ 5B6F97

■ 6A7997

■ 3D5B97

■ 798397

■ 2E5197

■ 888D97

■ 1F4797

■ 979797

■ 0F3D97

■ A7A197

■ 003397

■ B6AB97

■ 003297

■ C5B597

■ D4C097

■ E3CA97

Harmonies

Analogous

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



3B7594



5B6F97



78688F

Triad

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



5B6F97



956257



49795F

Complementary

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



5B6F97



97835B

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.



61754E



5B6F97



8A6849

Square

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



5B6F97



975F6A



786F46



327A73

Rectangle

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



5B6F97



876385



786F46



517858

Sweetspot

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



5B6F97



ADB5C4



5B9783



565A63



E3E3E3



636363

Same Dimension

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



5B6F97



6686C4



655B97



45474D



002F8C



00040D

Inverse Universe

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



975B6F



C46686



8D975B



4D4547



8C002F



0D0004

Previews

White Background



This preview shows how the Hex color 5B6F97 looks on a white background.

Color Contrast Check

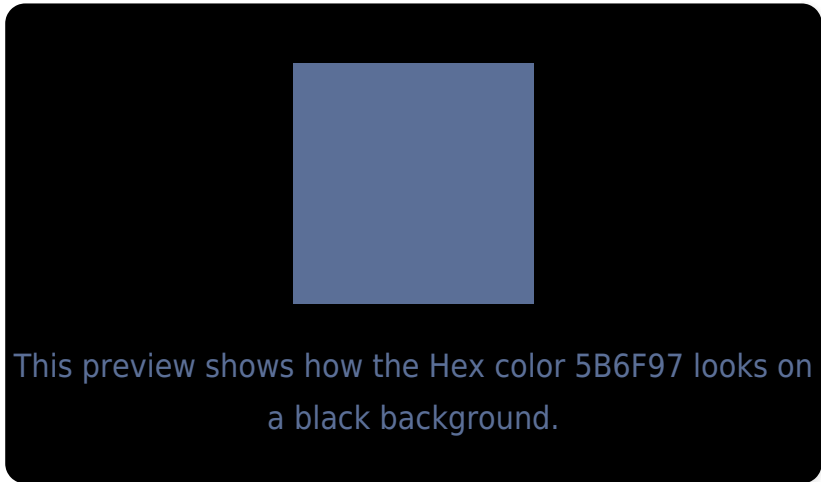
Large Text (above 18pt) WCAG AA ✓ Pass

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

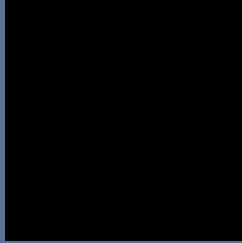
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

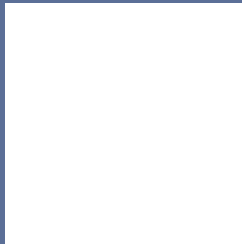
Any Text WCAG AAA × Fail

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

Hex 5B6F97 Background



This preview shows how black text looks on a background with the Hex color 5B6F97.



This preview shows how white text looks on a background with the Hex color 5B6F97.

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
5B6F97

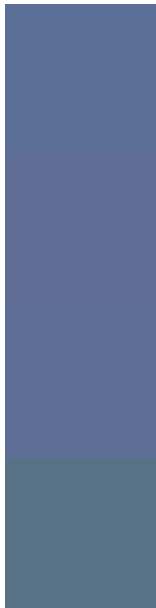
Protanopia
636D96

Deuteranopia
626D97



Tritanopia
54747D

Trichromacy



Original Color
5B6F97

Protanomaly
606E96

Deuteranomaly
5F6E97

Tritanomaly
577286

Monochromacy



Original Color
5B6F97

Achromatopsia
6E6E6E

Achromatomaly
676E7D

CSS Examples

Text

The CSS property to change the color of the text to Hex 5B6F97 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 #5B6F97 looks like.

```
.text, #text, p{  
    color:#5B6F97  
}
```

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 #5B6F97 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B6F97
}
```

Border

The CSS property to change the border of an element to Hex 5B6F97 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
#5B6F97 }
```

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

```
.border{ border-color:#5B6F97 }
```

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

Here you see how a box with a 4 pixel #5B6F97 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B6F97; -webkit-box-shadow:4px 4px  
4px 4px #5B6F97; box-shadow:4px 4px 4px  
4px #5B6F97 }
```

Background

The CSS property to change the background color of an element to Hex 5B6F97 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B6F97 }
```

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

```
.background{ background-color:#5B6F97 }
```

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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