

Converting Colors

Hex(6B6E94)

Have a look what the booklet for
Hex(6B6E94) contains.

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Color

Hex(6B6E94)

Conversions

Conversions Part 1

Format	Color
Hex	6B6E94
RGB	107, 110, 148
RGB Percent	42%, 43%, 58%
CMY	0.5804, 0.5686, 0.4196
CMYK	0.28, 0.26, 0.00, 0.42
HSL	236°, 16%, 50%
HSV	236°, 28%, 58%
XYZ	16.9846, 16.4158, 30.2903
YIQ	113.4350, -13.9860, 11.1820

Conversions

Conversions Part 2

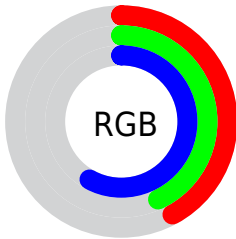
Format	Color
R_{YB}	107, 110, 148
Decimal	7040660
CIE Lab	47.52, 7.86, -21.05
CIE LCh	48, 22.469, 290.463
Yxy	16.4158, 0.2667, 0.2577
Android (android.graphics.Color)	4285230740 (0xFF6B6E94)
YUV	113.4350, 17.0405, -5.6435
Hunter-Lab	40.5164, 3.9242, -15.9642

Details

The Hex color **6B6E94** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **94916B**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **9FA1CA**, and **3A3F61** is the 20% darker color. If you saturate the color by 10%, you get **5C6094**, and if you desaturate by 10%, it is **7A7C94**.

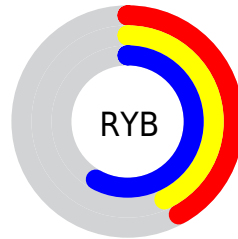
Distribution



Red (42%)

Green (43%)

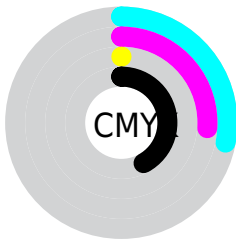
Blue (58%)



Red (42%)

Yellow (43%)

Blue (58%)

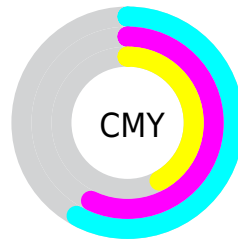


Cyan (28%)

Magenta (26%)

Yellow (0%)

Black (42%)



Cyan (58%)

Magenta (57%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6B6E94 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 6B6E94 by changing the saturation by 10% instead.



6B6E94



6B6E94

FFFFFF



52567A



9FA1CA



3A3F61



BABCE6



232949



D6D8FF



0B1532



F3F5FF



00021D



000000



6B6E94



6B6E94



5C6094



7A7C94



4D5394



898994

■ 3F4594

■ 979794

■ 303794

■ A6A594

■ 212994

■ B5B394

■ 121C94

■ C4C094

■ 030E94

■ D3CE94

■ 000B94

■ E1DC94

■ F0E994

Harmonies

Analogous

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



4F7496



6B6E94



836789

Triad

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



6B6E94



916754



457B6A

Complementary

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



6B6E94



94916B

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.



5B7858



6B6E94



846D4C

Square

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



6B6E94



976364



71744D



357B7D

Rectangle

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



6B6E94



8E647E



71744D



4C7A63

Sweetspot

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



6B6E94



B0B1BF



6B9491



575861



E0E0E0



616161

Same Dimension

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



6B6E94



8085BF



7C6B94



43434A



000A8A



00010A

Inverse Universe

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



946B6E



BF8085



83946B



4A4343



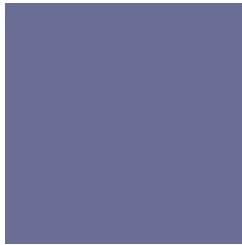
8A000A



0A0001

Previews

White Background



This preview shows how the Hex color 6B6E94 looks on a white background.

Color Contrast Check

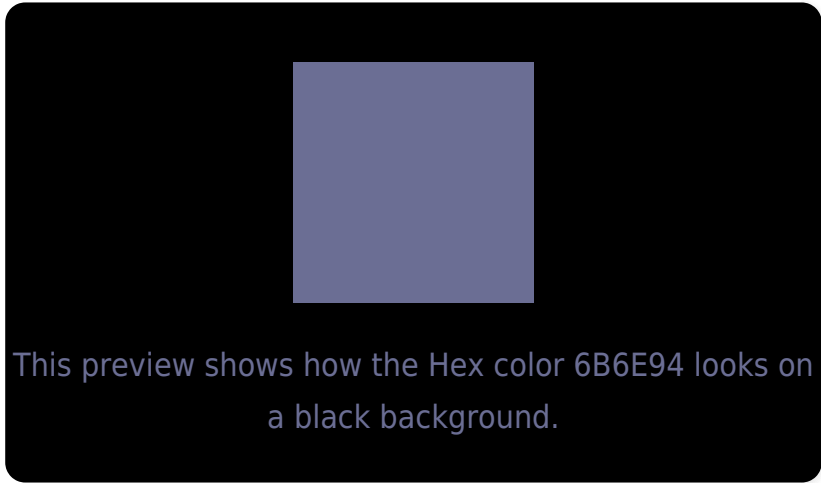
Large Text (above 18pt) WCAG AA ✓ Pass

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

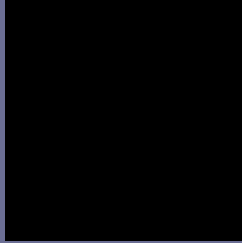
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

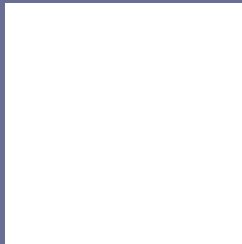
Any Text WCAG AAA × Fail

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

Hex 6B6E94 Background



This preview shows how black text looks on a background with the Hex color 6B6E94.



This preview shows how white text looks on a background with the Hex color 6B6E94.

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](#).

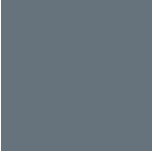
Dichromacy



Original Color
6B6E94

Protanopia
666F95

Deuteranopia
686F94



Tritanopia
66737C

Trichromacy



Original Color
6B6E94

Protanomaly
686F95

Deuteranomaly
696F94

Tritanomaly
687185

Monochromacy



Original Color
6B6E94

Achromatopsia
717171

Achromatomaly
6F707E

CSS Examples

Text

The CSS property to change the color of the text to Hex 6B6E94 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 #6B6E94 looks like.

```
.text, #text, p{  
    color:#6B6E94  
}
```

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 #6B6E94 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B6E94
}
```

Border

The CSS property to change the border of an element to Hex 6B6E94 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
#6B6E94 }
```

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

```
.border{ border-color:#6B6E94 }
```

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

Here you see how a box with a 4 pixel #6B6E94 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B6E94; -webkit-box-shadow:4px 4px  
4px 4px #6B6E94; box-shadow:4px 4px 4px  
4px #6B6E94 }
```

Background

The CSS property to change the background color of an element to Hex 6B6E94 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B6E94 }
```

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

```
.background{ background-color:#6B6E94 }
```

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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