

Converting Colors

Hex(6B7A99)

Have a look what the booklet for
Hex(6B7A99) contains.

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Color

Hex(6B7A99)

Conversions

Conversions Part 1

Format	Color
Hex	6B7A99
RGB	107, 122, 153
RGB Percent	42%, 48%, 60%
CMY	0.5804, 0.5216, 0.4000
CMYK	0.30, 0.20, 0.00, 0.40
HSL	220°, 18%, 51%
HSV	220°, 30%, 60%
XYZ	18.7727, 19.3448, 32.8815
YIQ	121.0490, -18.8910, 6.4610

Conversions

Conversions Part 2

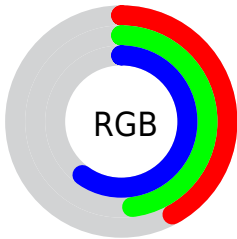
Format	Color
R_{YB}	107, 118, 153
Decimal	7043737
CIE _{Lab}	51.09, 2.01, -18.51
CIE _{LCh}	51, 18.621, 276.197
Yxy	19.3448, 0.2644, 0.2725
Android (android.graphics.Color)	4285233817 (0xFF6B7A99)
YUV	121.0490, 15.7518, -12.3210
Hunter-Lab	43.9827, -0.7823, -13.5373

Details

The Hex color **6B7A99** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **998A6B**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **9FAECF**, and **3A4A66** is the 20% darker color. If you saturate the color by 10%, you get **5C7099**, and if you desaturate by 10%, it is **7A8499**.

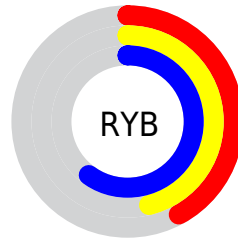
Distribution



Red (42%)

Green (48%)

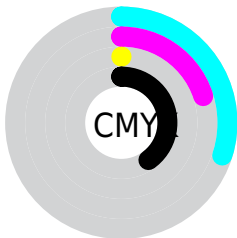
Blue (60%)



Red (42%)

Yellow (46%)

Blue (60%)

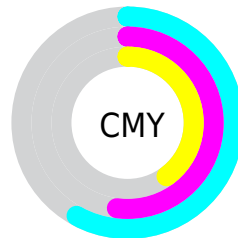


Cyan (30%)

Magenta (20%)

Yellow (0%)

Black (40%)



Cyan (58%)

Magenta (52%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6B7A99 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 6B7A99 by changing the saturation by 10% instead.

■ 6B7A99

■ 6B7A99

FFFFFF

■ 52617F

■ 9FAECF

■ 3A4A66

■ BBCAEC

■ 22334E

■ D7E6FF

■ 0A1E37

■ F3FFFF

■ 000422

■ 000008

■ 000000

■ 6B7A99

■ 6B7A99

■ 5C7099

■ 7A8499

■ 4C6599

■ 8A8F99

■ 3D5B99

■ 999999

■ 2E5199

■ A8A399

■ 1E4699

■ B8AE99

■ 0F3C99

■ C7B899

■ 003299

■ D6C299

■ E5CC99

■ F5D799

Harmonies

Analogous

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



577F96



6B7A99



807493

Triad

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



6B7A99



997068



5F826C

Complementary

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



6B7A99



998A6B

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.



717E60



6B7A99



91745D

Square

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



6B7A99



996E77



827A5A



50837D

Rectangle

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



6B7A99



8C718C



827A5A



648168

Sweetspot

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



6B7A99



B5BBC7



6B998A



595C63



E3E3E3



636363

Same Dimension

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



6B7A99



7F97C7



736B99



45474D



002E8C



00040D

Inverse Universe

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



996B7A



C77F97



91996B



4D4547



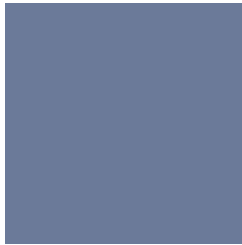
8C002E



0D0004

Previews

White Background



This preview shows how the Hex color 6B7A99 looks on a white background.

Color Contrast Check

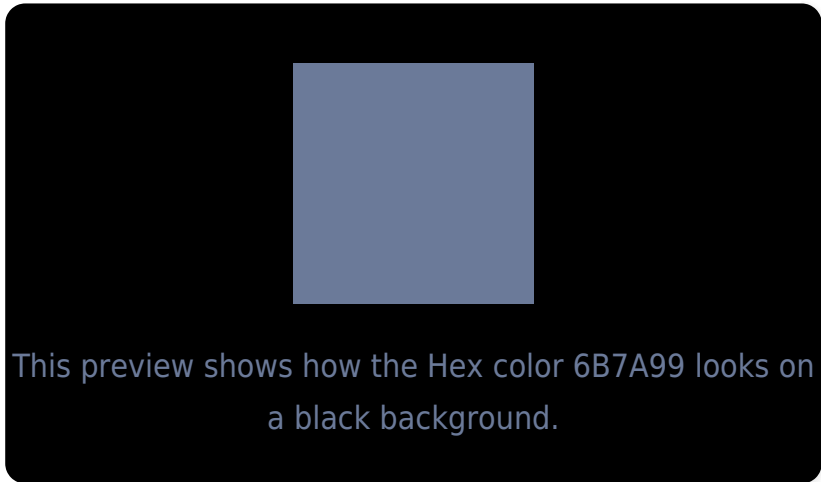
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

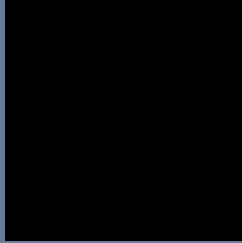
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

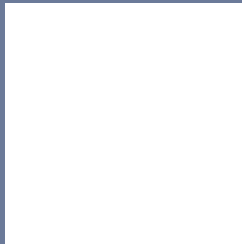
Any Text WCAG AAA × Fail

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

Hex 6B7A99 Background



This preview shows how black text looks on a background with the Hex color 6B7A99.

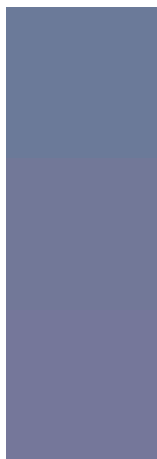


This preview shows how white text looks on a background with the Hex color 6B7A99.

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

6B7A99

Protanopia

727898

Deuteranopia

75779A



Tritanopia
677D87

Trichromacy



Original Color
6B7A99

Protanomaly
6F7998

Deuteranomaly
71789A

Tritanomaly
687C8E

Monochromacy



Original Color
6B7A99

Achromatopsia
797979

Achromatomaly
747985

CSS Examples

Text

The CSS property to change the color of the text to Hex 6B7A99 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 #6B7A99 looks like.

```
.text, #text, p{  
    color:#6B7A99  
}
```

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 #6B7A99 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B7A99
}
```

Border

The CSS property to change the border of an element to Hex 6B7A99 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".

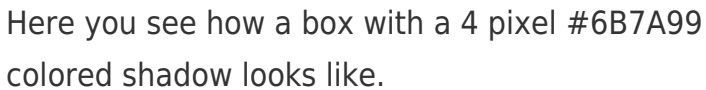
```
.border, #border, table{ border:4px solid
#6B7A99 }
```

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

```
.border{ border-color:#6B7A99 }
```

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

Here you see how a box with a 4 pixel #6B7A99 colored shadow looks like.

A rectangular box with a blue border and a blue shadow. The box is white with a blue border and a blue shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B7A99; -webkit-box-shadow:4px 4px  
4px 4px #6B7A99; box-shadow:4px 4px 4px  
4px #6B7A99 }
```

Background

The CSS property to change the background color of an element to Hex 6B7A99 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B7A99 }
```

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

```
.background{ background-color:#6B7A99 }
```

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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