

Converting Colors

Hex(6B7899)

Have a look what the booklet for
Hex(6B7899) contains.

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Color

Hex(6B7899)

Conversions

Conversions Part 1

Format	Color
Hex	6B7899
RGB	107, 120, 153
RGB Percent	42%, 47%, 60%
CMY	0.5804, 0.5294, 0.4000
CMYK	0.30, 0.22, 0.00, 0.40
HSL	223°, 18%, 51%
HSV	223°, 30%, 60%
XYZ	18.5296, 18.8586, 32.8005
YIQ	119.8750, -18.3410, 7.5070

Conversions

Conversions Part 2

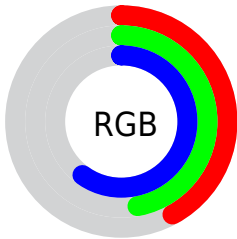
Format	Color
RYB	107, 117, 153
Decimal	7043225
CIELab	50.52, 3.19, -19.38
CIELCh	51, 19.640, 279.349
Yxy	18.8586, 0.2640, 0.2687
Android (android.graphics.Color)	4285233305 (0xFF6B7899)
YUV	119.8750, 16.3306, -11.2914
Hunter-Lab	43.4265, 0.1676, -14.3837

Details

The Hex color **6B7899** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **998C6B**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **9FACCF**, and **3A4866** is the 20% darker color. If you saturate the color by 10%, you get **5C6D99**, and if you desaturate by 10%, it is **7A8399**.

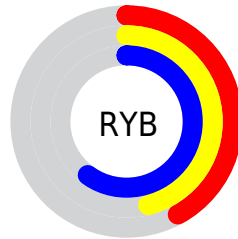
Distribution



Red (42%)

Green (47%)

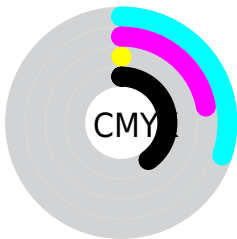
Blue (60%)



Red (42%)

Yellow (46%)

Blue (60%)

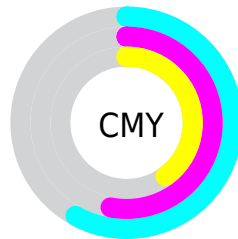


Cyan (30%)

Magenta (22%)

Yellow (0%)

Black (40%)



Cyan (58%)

Magenta (53%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6B7899 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 6B7899 by changing the saturation by 10% instead.

■ 6B7899

■ 6B7899

FFFFFF

■ 525F7F

■ 9FACCF

■ 3A4866

■ BBC7EC

■ 22314E

■ D7E3FF

■ 091D37

■ F3FFFF

■ 000122

■ 000007

■ 000000

■ 6B7899

■ 6B7899

■ 5C6D99

■ 7A8399

■ 4C6299

■ 8A8E99

■ 3D5799

■ 999999

■ 2E4C99

■ A8A499

■ 1E4199

■ B8AF99

■ 0F3699

■ C7BA99

■ 002B99

■ D6C599

■ E5D099

■ F5DB99

Harmonies

Analogous

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



557D97



6B7899



817292

Triad

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



6B7899



986E64



5A816C

Complementary

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



6B7899



998C6B

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.



6D7E5E



6B7899



8F7359

Square

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



6B7899



9A6C74



7F7957



4B827D

Rectangle

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



6B7899



8D6F8A



7F7957



608067

Sweetspot

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



6B7899



B5BAC7



6B998C



595C63



E3E3E3



636363

Same Dimension

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



6B7899



7F94C7



756B99



45474D



00288C



00040D

Inverse Universe

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



996B78



C77F94



8F996B



4D4547



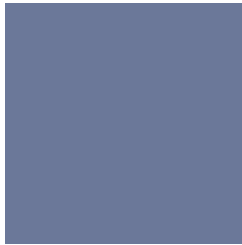
8C0028



0D0004

Previews

White Background



This preview shows how the Hex color 6B7899 looks on a white background.

Color Contrast Check

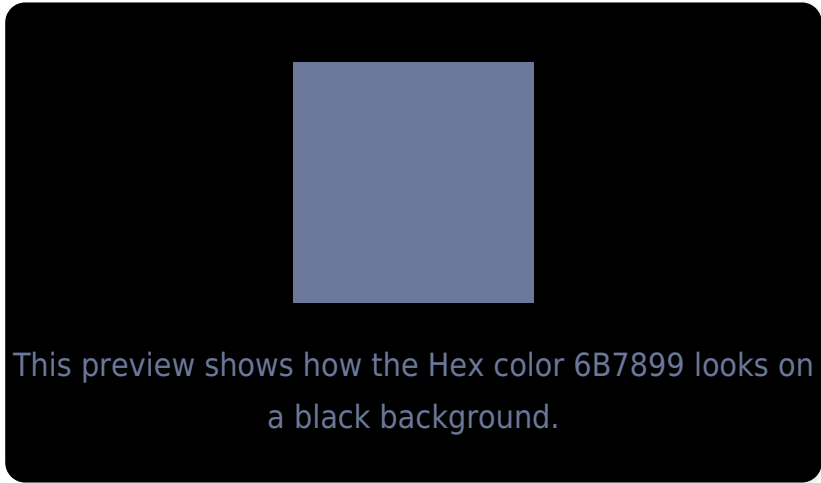
Large Text (above 18pt) WCAG AA ✓ Pass

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

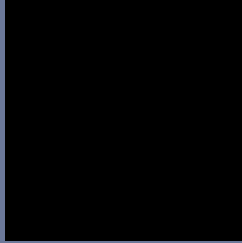
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

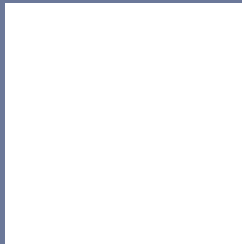
Any Text WCAG AAA × Fail

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

Hex 6B7899 Background



This preview shows how black text looks on a background with the Hex color 6B7899.



This preview shows how white text looks on a background with the Hex color 6B7899.

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

6B7899

Protanopia

707798

Deuteranopia

727699



Tritanopia
677C85

Trichromacy



Original Color
6B7899

Protanomaly
6E7798

Deuteranomaly
6F7799

Tritanomaly
687B8C

Monochromacy



Original Color
6B7899

Achromatopsia
787878

Achromatomaly
737884

CSS Examples

Text

The CSS property to change the color of the text to Hex 6B7899 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 #6B7899 looks like.

```
.text, #text, p{  
    color:#6B7899  
}
```

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 #6B7899 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B7899
}
```

Border

The CSS property to change the border of an element to Hex 6B7899 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
#6B7899 }
```

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

```
.border{ border-color:#6B7899 }
```

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

Here you see how a box with a 4 pixel #6B7899 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B7899; -webkit-box-shadow:4px 4px  
4px 4px #6B7899; box-shadow:4px 4px 4px  
4px #6B7899 }
```

Background

The CSS property to change the background color of an element to Hex 6B7899 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B7899 }
```

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

```
.background{ background-color:#6B7899 }
```

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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