

Converting Colors

Hex(6B78B0)

Have a look what the booklet for
Hex(6B78B0) contains.

Hex(6B78B0)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(6B78B0)

Conversions

Conversions Part 1

Format	Color
Hex	6B78B0
RGB	107, 120, 176
RGB Percent	42%, 47%, 69%
CMY	0.5804, 0.5294, 0.3098
CMYK	0.39, 0.32, 0.00, 0.31
HSL	229°, 30%, 55%
HSV	229°, 39%, 69%
XYZ	20.6163, 19.6933, 43.7889
YIQ	122.4970, -25.7240, 14.6600

Conversions

Conversions Part 2

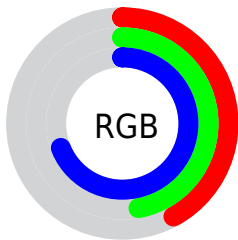
Format	Color
RYB	107, 118, 176
Decimal	7043248
CIELab	51.49, 9.52, -31.27
CIELCh	51, 32.684, 286.934
Yxy	19.6933, 0.2451, 0.2342
Android (android.graphics.Color)	4285233328 (0xFF6B78B0)
YUV	122.4970, 26.3770, -13.5909
Hunter-Lab	44.3772, 5.2659, -27.4400

Details

The Hex color **6B78B0** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **B0A36B**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **A1ACE8**, and **37487B** is the 20% darker color. If you saturate the color by 10%, you get **596AB0**, and if you desaturate by 10%, it is **7D86B0**.

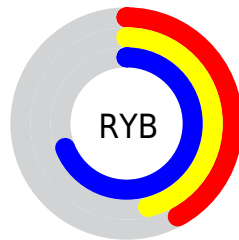
Distribution



Red (42%)

Green (47%)

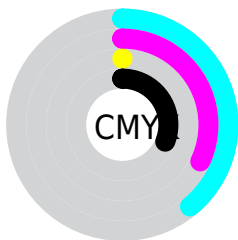
Blue (69%)



Red (42%)

Yellow (46%)

Blue (69%)

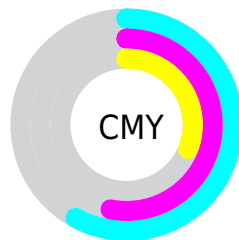


Cyan (39%)

Magenta (32%)

Yellow (0%)

Black (31%)



Cyan (58%)

Magenta (53%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6B78B0 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 6B78B0 by changing the saturation by 10% instead.

■ 6B78B0

■ 6B78B0

FFFFFF

■ 515F95

■ A1ACE8

■ 37487B

■ BCC7FF

■ 1C3262

■ D9E3FF

■ 001D4A

■ F6FFFF

■ 000233

■ 00021D

■ 000000

■ 6B78B0

■ 6B78B0

■ 596AB0

■ 7D86B0

485BB0

8E95B0

364DB0

A0A3B0

253FB0

B1B1B0

1331B0

C3BFB0

0122B0

D5CEB0

0021B0

E6DCB0

F8EAB0

FFF9B0

Harmonies

Analogous

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



3781B1



6B78B0



916EA1

Triad

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



6B78B0



AA6B53



37896D

Complementary

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



6B78B0



B0A36B

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.



5D8553



6B78B0



977544

Square

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



6B78B0



B1656C



7D7E44



00898A

Rectangle

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



6B78B0



A36891



7D7E44



458864

Sweetspot

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



6B78B0



CACFE6



6BB0A2



636673



F2F2F2



737373

Same Dimension

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



6B78B0



7A8EE6



806BB0



505259



001D99



00051A

Inverse Universe

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



B06B78



E67A8E



9BB06B



595052



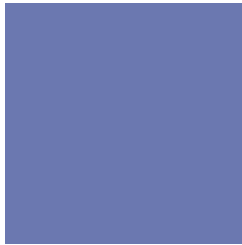
99001D



1A0005

Previews

White Background



This preview shows how the Hex color 6B78B0 looks on a white background.

Color Contrast Check

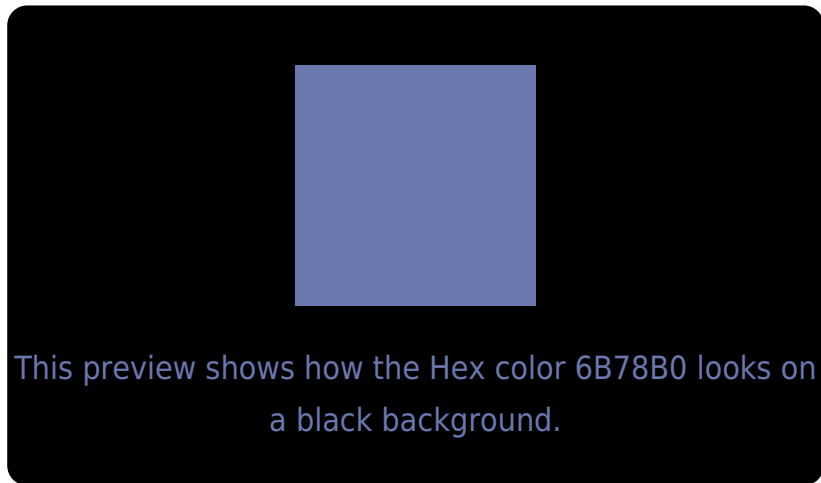
Large Text (above 18pt) WCAG AA ✓ Pass

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

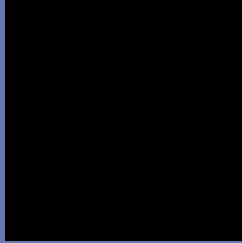
Any Text WCAG AA ✓ Pass

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 6B78B0 Background



This preview shows how black text looks on a background with the Hex color 6B78B0.



This preview shows how white text looks on a background with the Hex color 6B78B0.

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
6B78B0

Protanopia
6879B0

Deuteranopia
6679B0



Tritanopia
62808A

Trichromacy



Original Color
6B78B0

Protanomaly
6979B0

Deuteranomaly
6879B0

Tritanomaly
657D98

Monochromacy



Original Color
6B78B0

Achromatopsia
7A7A7A

Achromatomaly
75798E

CSS Examples

Text

The CSS property to change the color of the text to Hex 6B78B0 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 #6B78B0 looks like.

```
.text, #text, p{  
    color:#6B78B0  
}
```

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 #6B78B0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B78B0
}
```

Border

The CSS property to change the border of an element to Hex 6B78B0 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
#6B78B0 }
```

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

```
.border{ border-color:#6B78B0 }
```

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

Here you see how a box with a 4 pixel #6B78B0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B78B0; -webkit-box-shadow:4px 4px  
4px 4px #6B78B0; box-shadow:4px 4px 4px  
4px #6B78B0 }
```

Background

The CSS property to change the background color of an element to Hex 6B78B0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B78B0 }
```

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

```
.background{ background-color:#6B78B0 }
```

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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