

Converting Colors

Hex(6B4D7B)

Have a look what the booklet for
Hex(6B4D7B) contains.

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Color

Hex(6B4D7B)

Conversions

Conversions Part 1

Format	Color
Hex	6B4D7B
RGB	107, 77, 123
RGB Percent	42%, 30%, 48%
CMY	0.5804, 0.6980, 0.5176
CMYK	0.13, 0.37, 0.00, 0.52
HSL	279°, 23%, 39%
HSV	279°, 37%, 48%
XYZ	12.2924, 9.8636, 19.9949
YIQ	91.2140, 3.1140, 20.6660

Conversions

Conversions Part 2

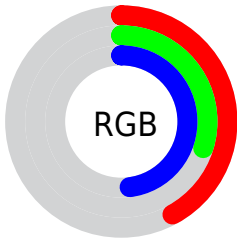
Format	Color
R _Y B	107, 77, 123
Decimal	7032187
CIE Lab	37.60, 21.83, -21.27
CIE LCh	38, 30.483, 315.748
Yxy	9.8636, 0.2916, 0.2340
Android (android.graphics.Color)	4285222267 (0xFF6B4D7B)
YUV	91.2140, 15.6705, 13.8443
Hunter-Lab	31.4064, 14.9035, -15.7625

Details

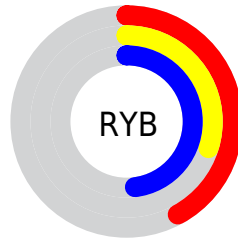
The Hex color **6B4D7B** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **5D7B4D**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **9F7EB0**, and **3A204A** is the 20% darker color. If you saturate the color by 10%, you get **67417B**, and if you desaturate by 10%, it is **6F597B**.

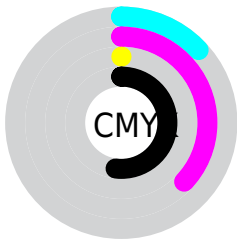
Distribution



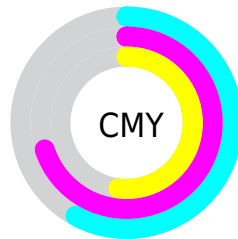
- Red (42%)
- Green (30%)
- Blue (48%)



- Red (42%)
- Yellow (30%)
- Blue (48%)



- Cyan (13%)
- Magenta (37%)
- Yellow (0%)
- Black (52%)



- Cyan (58%)
- Magenta (70%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6B4D7B 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 6B4D7B by changing the saturation by 10% instead.

6B4D7B

6B4D7B

FFFFFF

523662

9F7EB0

3A204A

BA99CB

240B33

D6B3E7

0A001E

F3CFFF

000000

FFEBFF

6B4D7B

6B4D7B

67417B

6F597B

62347B

74667B

5E287B

78727B

5A1C7B

7C7E7B

560F7B

808B7B

51037B

85977B

50007B

89A37B

8DAF7B

92BC7B

Harmonies

Analogous

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



475788



6B4D7B



804565

Triad

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



6B4D7B



715328



006565

Complementary

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



6B4D7B



5D7B4D

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.



17644C



6B4D7B



5B5B27

Square

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



6B4D7B



814A36



3F6135



00637B

Rectangle

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



6B4D7B



864455



3F6135



00655D

Sweetspot

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



6B4D7B



9B8FA1



4D5D7B



4E4752



D1D1D1



525252

Same Dimension

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



6B4D7B



8858A1



7B4D74



3B373D



51007D



A500FC

Inverse Universe

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



7B4D5D



A15872



4D7B54



3D3739



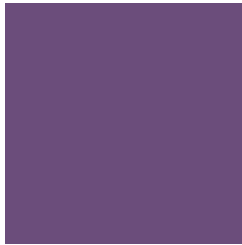
7D002B



FC0058

Previews

White Background



This preview shows how the Hex color 6B4D7B looks on a white background.

Color Contrast Check

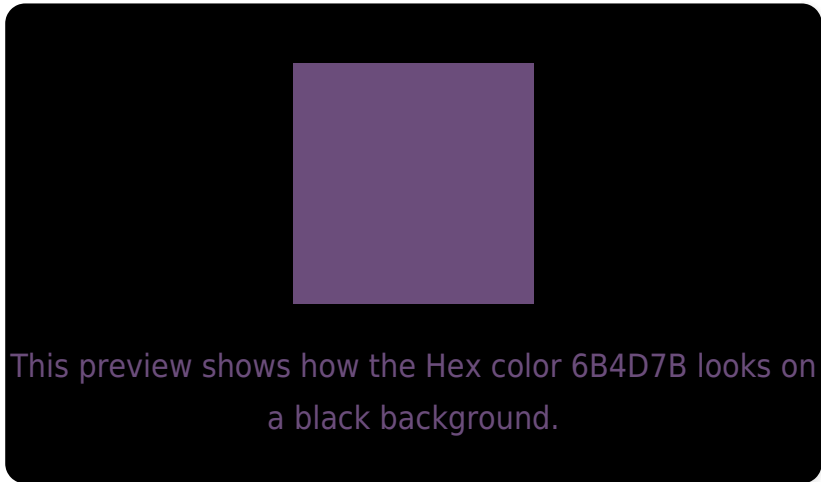
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

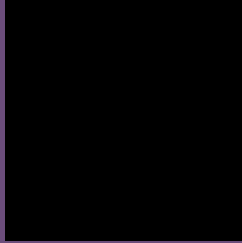
Any Text WCAG AA × Fail

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 6B4D7B Background



This preview shows how black text looks on a background with the Hex color 6B4D7B.



This preview shows how white text looks on a background with the Hex color 6B4D7B.

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
6B4D7B

Protanopia
4A5783

Deuteranopia
4F5879



Tritanopia
66545A

Trichromacy



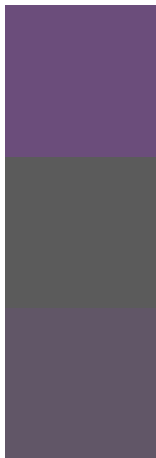
Original Color
6B4D7B

Protanomaly
565380

Deuteranomaly
59547A

Tritanomaly
685166

Monochromacy



Original Color
6B4D7B

Achromatopsia
5B5B5B

Achromatomaly
615667

CSS Examples

Text

The CSS property to change the color of the text to Hex 6B4D7B 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 #6B4D7B looks like.

```
.text, #text, p{  
    color:#6B4D7B  
}
```

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 #6B4D7B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B4D7B
}
```

Border

The CSS property to change the border of an element to Hex 6B4D7B is called "border". The border property can be set on classes, ids or directly on the HTML element.

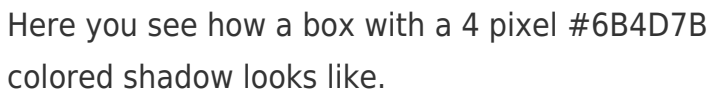
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6B4D7B }
```

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

```
.border{ border-color:#6B4D7B }
```

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



Here you see how a box with a 4 pixel #6B4D7B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B4D7B; -webkit-box-shadow:4px 4px  
4px 4px #6B4D7B; box-shadow:4px 4px 4px  
4px #6B4D7B }
```

Background

The CSS property to change the background color of an element to Hex 6B4D7B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B4D7B }
```

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

```
.background{ background-color:#6B4D7B }
```

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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