

# Converting Colors

Hex(6B4B79)

Have a look what the booklet for  
Hex(6B4B79) contains.

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# Color

**Hex(6B4B79)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6B4B79
RGB	107, 75, 121
RGB Percent	42%, 29%, 47%
CMY	0.5804, 0.7059, 0.5255
CMYK	0.12, 0.38, 0.00, 0.53
HSL	282°, 23%, 38%
HSV	282°, 38%, 47%
XYZ	12.0307, 9.5384, 19.2962
YIQ	89.8120, 4.3060, 21.0900

# Conversions

## Conversions Part 2

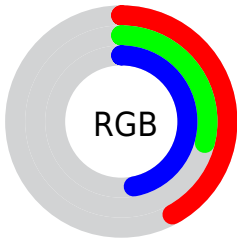
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	107, 75, 121
Decimal	7031673
CIE <sub>Lab</sub>	37.00, 22.59, -20.96
CIE <sub>LCh</sub>	37, 30.818, 317.150
Yxy	9.5384, 0.2944, 0.2334
Android (android.graphics.Color)	4285221753 (0xFF6B4B79)
<b>YUV</b>	89.8120, 15.3757, 15.0739
Hunter-Lab	30.8843, 15.4852, -15.4246

# Details

The Hex color **6B4B79** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **59794B**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **9F7CAE**, and **3A1E48** is the 20% darker color. If you saturate the color by 10%, you get **673F79**, and if you desaturate by 10%, it is **6F5779**.

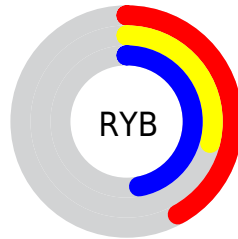
# Distribution



Red (42%)

Green (29%)

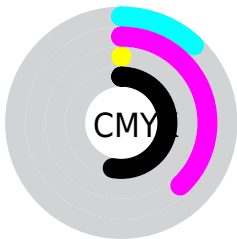
Blue (47%)



Red (42%)

Yellow (29%)

Blue (47%)

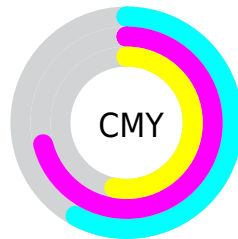


Cyan (12%)

Magenta (38%)

Yellow (0%)

Black (53%)



Cyan (58%)

Magenta (71%)

Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6B4B79 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 6B4B79 by changing the saturation by 10% instead.



6B4B79

6B4B79

FFFFFF

523460

9F7CAE

3A1E48

BA96C9

240831

D6B1E5

07001C

F3CDFF

000000

FFE9FF

6B4B79

6B4B79

673F79

6F5779

643379

726379

602779

766F79

5C1B79

7A7B79

590E79

7D8779

550279

819479

540079

85A079

88AC79

8CB879

# Harmonies

## Analogous

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



485586



6B4B79



804463

# Triad

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



6B4B79



6F5226



006465

# Complementary

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



6B4B79



59794B

# 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.



0F634B



6B4B79



585A26

# Square

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



6B4B79



7F4934



3C6034



00627B

# Rectangle

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



6B4B79



854252



3C6034



00645C



# Sweetspot

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



6B4B79



998D9E



4B5A79



4C454F



CFCFCF



4F4F4F



# Same Dimension

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



6B4B79



88559E



794B71



3B373D



57007D



B000FC



# Inverse Universe

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



794B59



9E556C



4B7953



3D3739



7D0026



FC004D



# Previews

## White Background



This preview shows how the Hex color 6B4B79 looks on a white background.

## Color Contrast Check

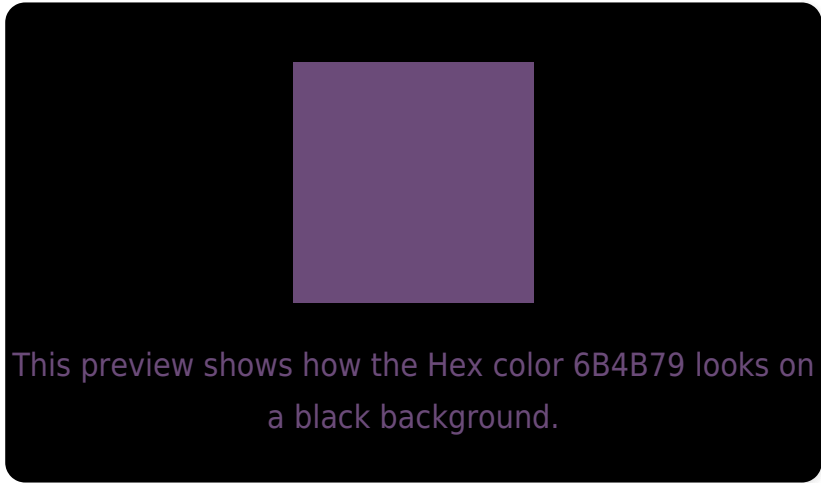
Large Text (above 18pt) WCAG AA ✓ Pass

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

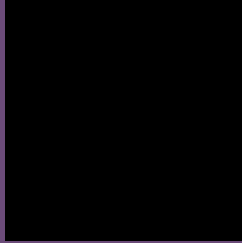
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6B4B79 Background



This preview shows how black text looks on a background with the Hex color 6B4B79.




This preview shows how white text looks on a background with the Hex color 6B4B79.

# 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





**Tritanopia**  
665258

# Trichromacy



**Original Color**  
6B4B79

**Protanomaly**  
55527F

**Deuteranomaly**  
595278

**Tritanomaly**  
684F64

# Monochromacy



**Original Color**  
6B4B79

**Achromatopsia**  
5A5A5A

**Achromatomaly**  
605565

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6B4B79 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 #6B4B79 looks like.

```
.text, #text, p{  
    color:#6B4B79  
}
```

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 #6B4B79 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B4B79
}
```

## Border

The CSS property to change the border of an element to Hex 6B4B79 is called "border". The border property can be set on classes, ids or directly on the HTML element.

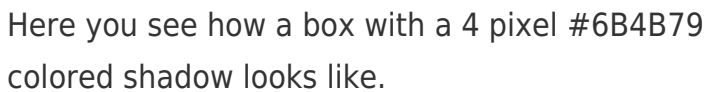
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6B4B79 }
```

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

```
.border{ border-color:#6B4B79 }
```

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



Here you see how a box with a 4 pixel #6B4B79 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B4B79; -webkit-box-shadow:4px 4px  
4px 4px #6B4B79; box-shadow:4px 4px 4px  
4px #6B4B79 }
```

# Background

The CSS property to change the background color of an element to Hex 6B4B79 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B4B79 }
```

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

```
.background{ background-color:#6B4B79 }
```

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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