

Converting Colors

Hex(6B4B7D)

Have a look what the booklet for
Hex(6B4B7D) contains.

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Color

Hex(6B4B7D)

Conversions

Conversions Part 1

Format	Color
Hex	6B4B7D
RGB	107, 75, 125
RGB Percent	42%, 29%, 49%
CMY	0.5804, 0.7059, 0.5098
CMYK	0.14, 0.40, 0.00, 0.51
HSL	278°, 25%, 39%
HSV	278°, 40%, 49%
XYZ	12.2812, 9.6386, 20.6152
YIQ	90.2680, 3.0220, 22.3340

Conversions

Conversions Part 2

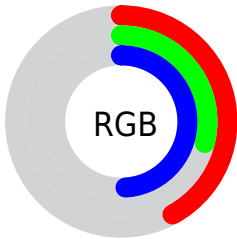
Format	Color
R_{YB}	107, 75, 125
Decimal	7031677
CIE _{Lab}	37.19, 23.53, -23.14
CIE _{LCh}	37, 33.002, 315.471
Yxy	9.6386, 0.2887, 0.2266
Android (android.graphics.Color)	4285221757 (0xFF6B4B7D)
YUV	90.2680, 17.1229, 14.6740
Hunter-Lab	31.0461, 16.2799, -17.6373

Details

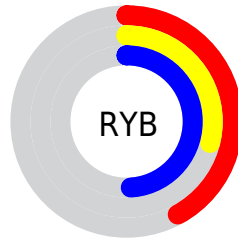
The Hex color **6B4B7D** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **5D7D4B**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **9F7CB2**, and **3A1E4C** is the 20% darker color. If you saturate the color by 10%, you get **673F7D**, and if you desaturate by 10%, it is **70577D**.

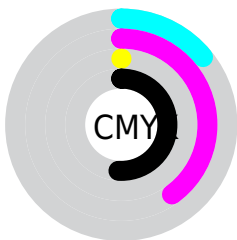
Distribution



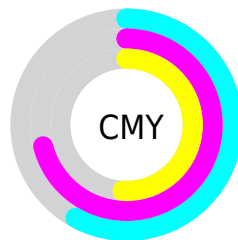
- Red (42%)
- Green (29%)
- Blue (49%)



- Red (42%)
- Yellow (29%)
- Blue (49%)



- Cyan (14%)
- Magenta (40%)
- Yellow (0%)
- Black (51%)



- Cyan (58%)
- Magenta (71%)
- Yellow (51%)
- Black (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6B4B7D 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 6B4B7D by changing the saturation by 10% instead.

6B4B7D

6B4B7D

FFFFFF

523464

9F7CB2

3A1E4C

BB96CD

230835

D6B1EA

08001F

F3CDFF

000003

FFE9FF

000000

6B4B7D

6B4B7D

673F7D

70577D

62327D

74647D

■ 5E267D

■ 79717D

■ 59197D

■ 7D7D7D

■ 550C7D

■ 828A7D

■ 50007D

■ 86967D

■ 8BA37D

■ 8FAF7D

■ 93BB7D

Harmonies

Analogous

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



43568B



6B4B7D



824266

Triad

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



6B4B7D



725123



006565

Complementary

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



6B4B7D



5D7D4B

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.



066449



6B4B7D



5A5A22

Square

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



6B4B7D



834833



3C6131



00637D

Rectangle

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



6B4B7D



894154



3C6131



00655C

Sweetspot

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



6B4B7D



9C90A3



4B5D7D



4D4652



D1D1D1



525252

Same Dimension

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



6B4B7D



8755A3



7D4B76



3D3940



520080



000000

Inverse Universe

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



7D4B5D



A35571



4B7D52



40393C



80002E



000000

Previews

White Background



This preview shows how the Hex color 6B4B7D 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

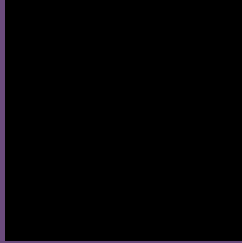
Any Text WCAG AA × Fail

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 6B4B7D Background



This preview shows how black text looks on a background with the Hex color 6B4B7D.



This preview shows how white text looks on a background with the Hex color 6B4B7D.

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
6B4B7D

Protanopia
475686

Deuteranopia
4C577B



Tritanopia
655359

Trichromacy



Original Color
6B4B7D

Protanomaly
545283

Deuteranomaly
57537C

Tritanomaly
675066

Monochromacy



Original Color
6B4B7D

Achromatopsia
5A5A5A

Achromatomaly
605567

CSS Examples

Text

The CSS property to change the color of the text to Hex 6B4B7D 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 #6B4B7D looks like.

```
.text, #text, p{  
    color:#6B4B7D  
}
```

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 #6B4B7D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B4B7D  
}
```

Border

The CSS property to change the border of an element to Hex 6B4B7D is called "border". The border property can be set on classes, ids or directly on the HTML element.

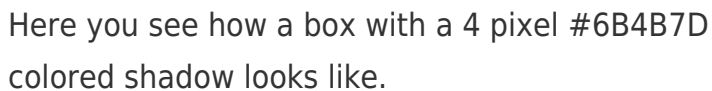
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#6B4B7D }
```

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

```
.border{ border-color:#6B4B7D }
```

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



Here you see how a box with a 4 pixel #6B4B7D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B4B7D; -webkit-box-shadow:4px 4px  
4px 4px #6B4B7D; box-shadow:4px 4px 4px  
4px #6B4B7D }
```

Background

The CSS property to change the background color of an element to Hex 6B4B7D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B4B7D }
```

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

```
.background{ background-color:#6B4B7D }
```

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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