

Converting Colors

Hex(6B4A8A)

Have a look what the booklet for
Hex(6B4A8A) contains.

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Color

Hex(6B4A8A)

Conversions

Conversions Part 1

Format	Color
Hex	6B4A8A
RGB	107, 74, 138
RGB Percent	42%, 29%, 54%
CMY	0.5804, 0.7098, 0.4588
CMYK	0.22, 0.46, 0.00, 0.46
HSL	271°, 30%, 42%
HSV	271°, 46%, 54%
XYZ	13.0996, 9.8583, 25.2572
YIQ	91.1630, -0.8760, 26.9000

Conversions

Conversions Part 2

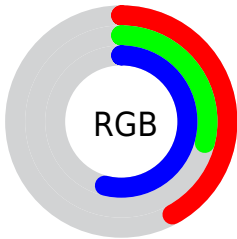
Format	Color
R_{YB}	107, 74, 138
Decimal	7031434
CIE _{Lab}	37.59, 27.29, -30.50
CIE _{LCh}	38, 40.926, 311.829
Yxy	9.8583, 0.2717, 0.2045
Android (android.graphics.Color)	4285221514 (0xFF6B4A8A)
YUV	91.1630, 23.0906, 13.8890
Hunter-Lab	31.3980, 19.5259, -25.7155

Details

The Hex color **6B4A8A** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **698A4A**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **A07BC0**, and **391C58** is the 20% darker color. If you saturate the color by 10%, you get **643C8A**, and if you desaturate by 10%, it is **72588A**.

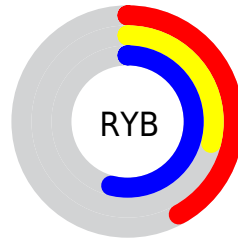
Distribution



Red (42%)

Green (29%)

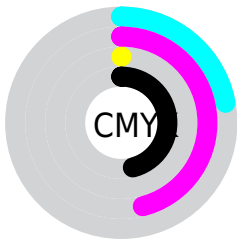
Blue (54%)



Red (42%)

Yellow (29%)

Blue (54%)

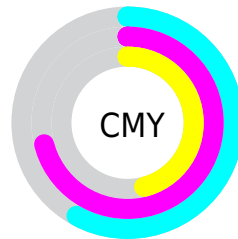


Cyan (22%)

Magenta (46%)

Yellow (0%)

Black (46%)



Cyan (58%)

Magenta (71%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6B4A8A 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 6B4A8A by changing the saturation by 10% instead.

■ 6B4A8A

■ 6B4A8A

FFFFFF

■ 523370

■ A07BC0

■ 391C58

■ BB96DC

■ 210740

■ D7B0F8

■ 09002A

■ F4CCFF

■ 000113

■ FFE8FF

■ 000000

■ 6B4A8A

■ 6B4A8A

■ 643C8A

■ 72588A

■ 5E2E8A

■ 78668A

57218A

7F738A

50138A

86818A

4A058A

8C8F8A

47008A

939D8A

9AAB8A

A0B88A

A7C68A

Harmonies

Analogous

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



2F5899



6B4A8A



8A3D6E

Triad

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



6B4A8A



7A4F16



006865

Complementary

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



6B4A8A



698A4A

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.



006743



6B4A8A



5D5B10

Square

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



6B4A8A



8E422E



396324



006784

Rectangle

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



6B4A8A



933958



396324



00685A

Sweetspot

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



6B4A8A



A69AB3



4A6A8A



524A59



D9D9D9



595959

Same Dimension

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



6B4A8A



824FB3



8A4A8A



423E45



440085



030005

Inverse Universe

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



8A4A69



B34F7F



4A8A4A



453E41



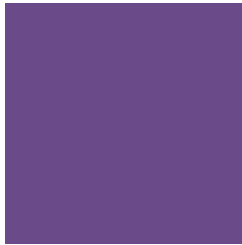
850040



050002

Previews

White Background



This preview shows how the Hex color 6B4A8A looks on a white background.

Color Contrast Check

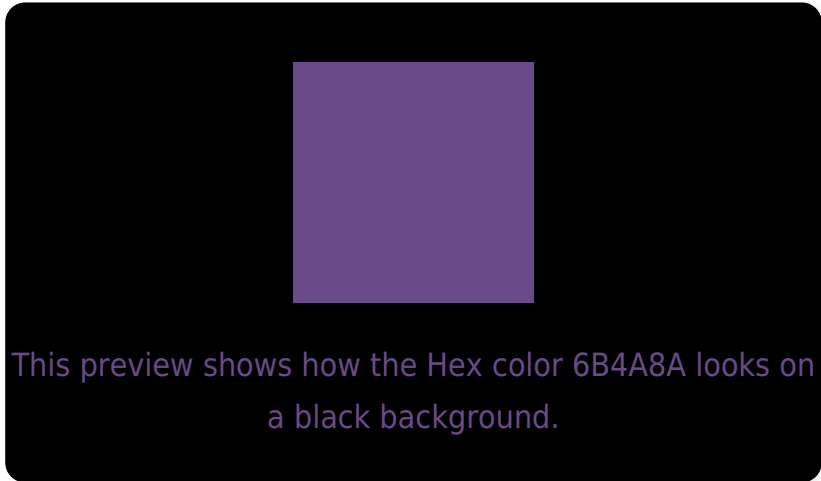
Large Text (above 18pt) WCAG AA ✓ Pass

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

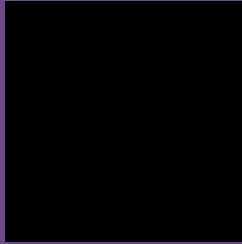
Any Text WCAG AA × Fail

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 6B4A8A Background



This preview shows how black text looks on a background with the Hex color 6B4A8A.



This preview shows how white text looks on a background with the Hex color 6B4A8A.

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
6B4A8A

Protanopia
3E5795

Deuteranopia
425887



Tritanopia
63555B

Trichromacy



Original Color
6B4A8A

Protanomaly
4E5291

Deuteranomaly
515388

Tritanomaly
66516C

Monochromacy



Original Color
6B4A8A

Achromatopsia
5B5B5B

Achromatomaly
61556C

CSS Examples

Text

The CSS property to change the color of the text to Hex 6B4A8A 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 #6B4A8A looks like.

```
.text, #text, p{  
    color:#6B4A8A  
}
```

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 #6B4A8A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B4A8A
}
```

Border

The CSS property to change the border of an element to Hex 6B4A8A is called "border". The border property can be set on classes, ids or directly on the HTML element.

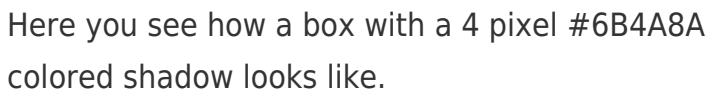
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6B4A8A }
```

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

```
.border{ border-color:#6B4A8A }
```

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



Here you see how a box with a 4 pixel #6B4A8A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B4A8A; -webkit-box-shadow:4px 4px  
4px 4px #6B4A8A; box-shadow:4px 4px 4px  
4px #6B4A8A }
```

Background

The CSS property to change the background color of an element to Hex 6B4A8A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B4A8A }
```

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

```
.background{ background-color:#6B4A8A }
```

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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