

Converting Colors

Hex(6B0A8F)

Have a look what the booklet for
Hex(6B0A8F) contains.

Hex(6B0A8F)	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(6B0A8F)

Conversions

Conversions Part 1

Format	Color
Hex	6B0A8F
RGB	107, 10, 143
RGB Percent	42%, 4%, 56%
CMY	0.5804, 0.9608, 0.4392
CMYK	0.25, 0.93, 0.00, 0.44
HSL	284°, 87%, 30%
HSV	284°, 93%, 56%
XYZ	11.1299, 5.3261, 26.4280
YIQ	54.1650, 15.1190, 61.9270

Conversions

Conversions Part 2

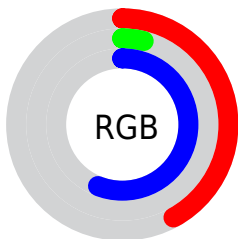
Format	Color
RYB	107, 10, 143
Decimal	7015055
CIELab	27.64, 56.50, -49.51
CIELCh	28, 75.119, 318.771
Yxy	5.3261, 0.2595, 0.1242
Android (android.graphics.Color)	4285205135 (0xFF6B0A8F)
YUV	54.1650, 43.7957, 46.3363
Hunter-Lab	23.0782, 45.6977, -51.7411

Details

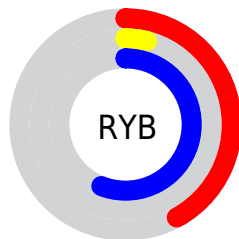
The Hex color **6B0A8F** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **2E8F0A**, and the grayscale version is **363636**.

A 20% lighter version of the original color is **A349C6**, and **35005B** is the 20% darker color. If you saturate the color by 10%, you get **68008F**, and if you desaturate by 10%, it is **6F188F**.

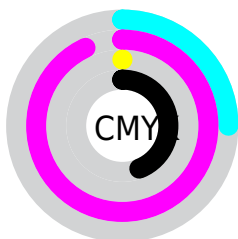
Distribution



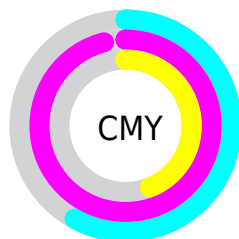
- Red (42%)
- Green (4%)
- Blue (56%)



- Red (42%)
- Yellow (4%)
- Blue (56%)



- Cyan (25%)
- Magenta (93%)
- Yellow (0%)
- Black (44%)



- Cyan (58%)
- Magenta (96%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6B0A8F 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 6B0A8F by changing the saturation by 10% instead.



6B0A8F



6B0A8F

FFFFFF



500075



A349C6



35005B



BF63E2



1C0043



DC7EFF



00012C



FA9AFF



000116



FFB6FF



000000



FFD2FF



FFEFFF



6B0A8F



6B0A8F

68008F

6F188F

73278F

77358F

7A438F

7E518F

82608F

866E8F

8A7C8F

8E8B8F

Harmonies

Analogous

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



003DB2



6B0A8F



97005A

Triad

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



6B0A8F



633700



005665

Complementary

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



6B0A8F



2E8F0A

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.



005529



6B0A8F



2D4900

Square

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



6B0A8F



890300



005100



005699

Rectangle

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



6B0A8F



9F0034



005100



005652

Sweetspot

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



6B0A8F



AC86BA



0A308F



563E5E



DEDEDE



5E5E5E

Same Dimension

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



6B0A8F



8800BA



8F0A72



454047



630087



060008

Inverse Universe

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



8F0A2E



BA0032



0A8F27



474042



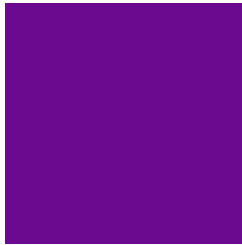
870025



080002

Previews

White Background



This preview shows how the Hex color 6B0A8F looks on a white background.

Color Contrast Check

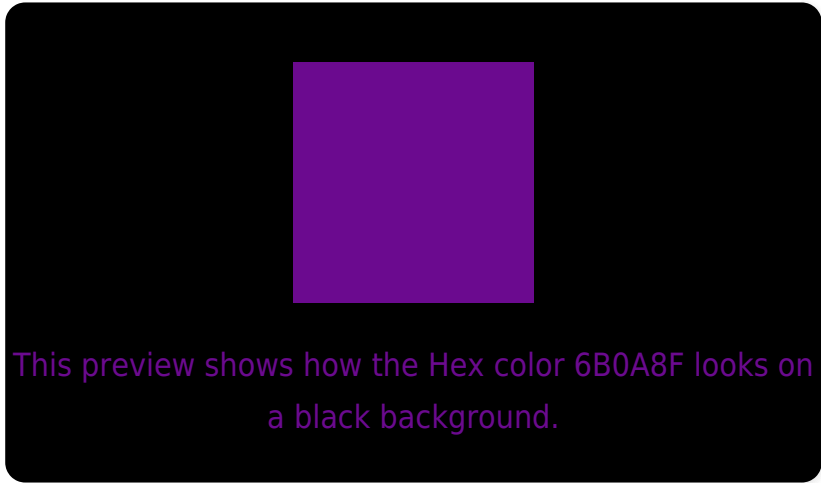
Large Text (above 18pt) WCAG AA ✓ Pass

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

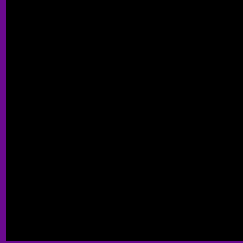
Any Text WCAG AA × Fail

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 6B0A8F Background



This preview shows how black text looks on a background with the Hex color 6B0A8F.



This preview shows how white text looks on a background with the Hex color 6B0A8F.

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
6B0A8F

Protanopia
004189

Deuteranopia
004578



Tritanopia
5E383D

Trichromacy



Original Color
6B0A8F



Protanomaly
272D8B



Deuteranomaly
273080



Tritanomaly
63275B

Monochromacy



Original Color
6B0A8F



Achromatopsia
363636



Achromatomaly
492656

CSS Examples

Text

The CSS property to change the color of the text to Hex 6B0A8F 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 #6B0A8F looks like.

```
.text, #text, p{  
    color:#6B0A8F  
}
```

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 #6B0A8F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B0A8F
}
```

Border

The CSS property to change the border of an element to Hex 6B0A8F 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".

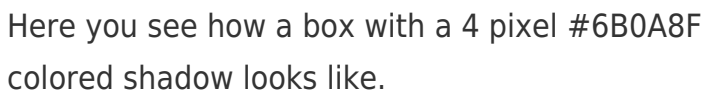
```
.border, #border, table{ border:4px solid
#6B0A8F }
```

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

```
.border{ border-color:#6B0A8F }
```

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

Here you see how a box with a 4 pixel #6B0A8F colored shadow looks like.

A rectangular box with a purple border and a purple shadow. The box is white with a thin purple border on the top and left sides, and a thicker purple shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B0A8F; -webkit-box-shadow:4px 4px  
4px 4px #6B0A8F; box-shadow:4px 4px 4px  
4px #6B0A8F }
```

Background

The CSS property to change the background color of an element to Hex 6B0A8F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B0A8F }
```

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

```
.background{ background-color:#6B0A8F }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor