

# Converting Colors

Hex(B0749A)

Have a look what the booklet for  
Hex(B0749A) contains.

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# Color

**Hex(B0749A)**

# Conversions

Conversions Part 1	
Format	Color
Hex	B0749A
RGB	176, 116, 154
RGB Percent	69%, 45%, 60%
CMY	0.3098, 0.5451, 0.3961
CMYK	0.00, 0.34, 0.13, 0.31
HSL	322°, 28%, 57%
HSV	322°, 34%, 69%
XYZ	29.9826, 24.0540, 33.6345
YIQ	138.2720, 23.5620, 24.5380

# Conversions

## Conversions Part 2

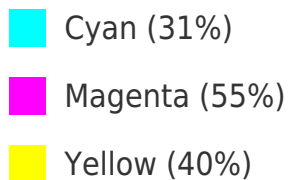
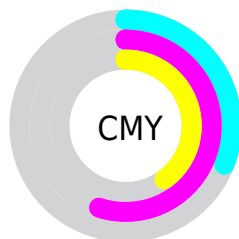
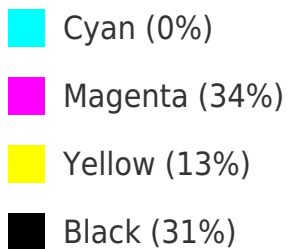
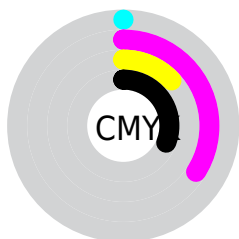
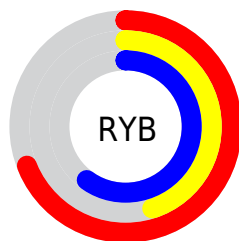
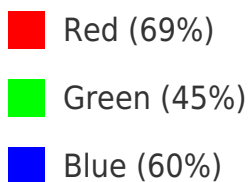
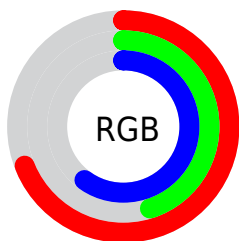
Format	Color
<a href="#">RYB</a>	<a href="#">176, 116, 154</a>
Decimal	<a href="#">11564186</a>
CIELab	<a href="#">56.14, 29.41, -10.82</a>
CIELCh	<a href="#">56, 31.336, 339.809</a>
Yxy	<a href="#">24.0540, 0.3420, 0.2744</a>
Android (android.graphics.Color)	<a href="#">4289754266</a> (0xFFB0749A)
YUV	<a href="#">138.2720, 7.7539, 33.0875</a>
Hunter-Lab	<a href="#">49.0449, 23.2940, -6.3291</a>

# Details

The Hex color **B0749A** is a light color, and the websafe version is hex **996699**. A complement of this color would be **74B08A**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **E8A9D0**, and **7A4267** is the 20% darker color. If you saturate the color by 10%, you get **B06294**, and if you desaturate by 10%, it is **B086A0**.

# Distribution



# Brightness & Saturation Gradients

These gradients show how the Hex color B0749A 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 B0749A by changing the saturation by 10% instead.



 B0749A

FFFFFF

 E8A9D0

 FFC4ED

 FFE1FF

 FFFDFF

 B0749A

 955B80

 7A4267

 612B4F

 481338

 300022

 17000B

 000000

 B0749A

 B06294

 B0749A

 B086A0

 B0518D

 B097A7

 B03F87

 B0A9AD

 B02E80

 B0BAB4

 B01C7A

 B0CCBA

 B00A73

 B0DEC1

 B0006F

 B0EFC7

 B0FFCE

 B0FFD4

# Harmonies

## Analogous

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



957CB1



B0749A



BC717F

# Triad

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



B0749A



908850



1594A9

# Complementary

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



B0749A



74B08A

# 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.



2A958F



B0749A



728F5C

# Square

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



B0749A



A87F54



509473



3F8EB9

# Rectangle

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



B0749A



BB746D



509473



1495A1



# Sweetspot

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



B0749A



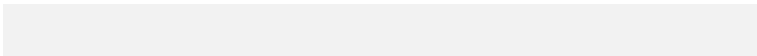
E6CFDD



8A74B0



73656E



F2F2F2



737373



# Same Dimension

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



B0749A



E687C3



B0747C



595056



990061



1A0010



# Inverse Universe

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



B0749A



E687C3



74B0A8



595056



990061

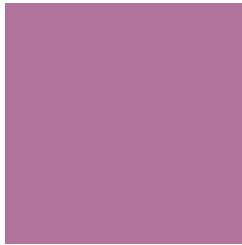


1A0010



# Previews

## White Background



This preview shows how the Hex color B0749A looks on a white background.

## Color Contrast Check

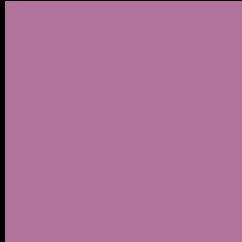
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# Black Background



This preview shows how the Hex color B0749A looks on a black 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 × Fail

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



## Hex B0749A Background



This preview shows how black text looks on a background with the Hex color B0749A.



This preview shows how white text looks on a background with the Hex color B0749A.

# 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**

B0749A

**Protanopia**





8086A6

**Deuteranopia**


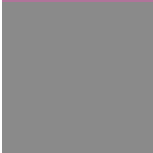

8C8397



# Trichromacy

	<b>Original Color</b> B0749A
	<b>Protanomaly</b> 917FA2
	<b>Deuteranomaly</b> 997E98
	<b>Tritanomaly</b> AE778B

# Monochromacy

	<b>Original Color</b> B0749A
	<b>Achromatopsia</b> 8A8A8A
	<b>Achromatomaly</b> 988290

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B0749A 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 #B0749A looks like.

```
.text, #text, p{  
    color:#B0749A  
}
```

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 #B0749A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B0749A
}
```

## Border

The CSS property to change the border of an element to Hex B0749A 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
#B0749A }
```

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

```
.border{ border-color:#B0749A }
```

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

Here you see how a box with a 4 pixel #B0749A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B0749A; -webkit-box-shadow:4px 4px  
4px 4px #B0749A; box-shadow:4px 4px 4px  
4px #B0749A }
```

# Background

The CSS property to change the background color of an element to Hex B0749A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B0749A }
```

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

```
.background{ background-color:#B0749A }
```

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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