

Converting Colors

Hex(B06E9F)

Have a look what the booklet for
Hex(B06E9F) contains.

Hex(B06E9F)	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(B06E9F)

Conversions

Conversions Part 1

Format	Color
Hex	B06E9F
RGB	176, 110, 159
RGB Percent	69%, 43%, 62%
CMY	0.3098, 0.5686, 0.3765
CMYK	0.00, 0.37, 0.10, 0.31
HSL	315°, 29%, 56%
HSV	315°, 37%, 69%
XYZ	29.7384, 22.8852, 35.6508
YIQ	135.3200, 23.6070, 29.2310

Conversions

Conversions Part 2

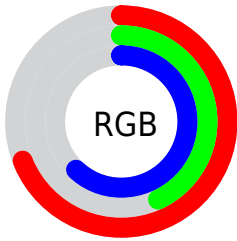
Format	Color
R_{YB}	176, 110, 159
Decimal	11562655
CIE _{Lab}	54.95, 33.60, -15.51
CIE _{LCh}	55, 37.013, 335.220
Yxy	22.8852, 0.3369, 0.2593
Android (android.graphics.Color)	4289752735 (0xFFB06E9F)
YUV	135.3200, 11.6742, 35.6764
Hunter-Lab	47.8384, 27.2460, -10.6979

Details

The Hex color **B06E9F** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **6EB07F**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **E9A3D6**, and **7A3C6B** is the 20% darker color. If you saturate the color by 10%, you get **B05C9A**, and if you desaturate by 10%, it is **B080A4**.

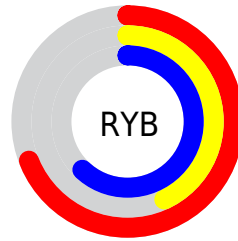
Distribution



Red (69%)

Green (43%)

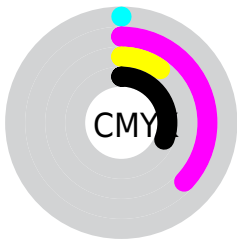
Blue (62%)



Red (69%)

Yellow (43%)

Blue (62%)

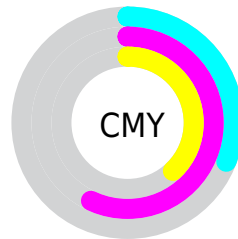


Cyan (0%)

Magenta (37%)

Yellow (10%)

Black (31%)



Cyan (31%)

Magenta (57%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color B06E9F 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 B06E9F by changing the saturation by 10% instead.



B06E9F



B06E9F

FFFFFF



955585



E9A3D6



7A3C6B



FFBEF2



602453



FFDAFF



470A3C



FFF7FF



300026



140010



000000



B06E9F



B06E9F



B05C9A



B080A4

 B04B96

 B091A8

 B03991

 B0A3AD

 B0288D

 B0B4B1

 B01688

 B0C6B6

 B00484

 B0D8BA

 B00083

 B0E9BF

 B0FBC3

 B0FFC8

Harmonies

Analogous

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



8E79B8



B06E9F



C0697F

Triad

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



B06E9F



928442



0093A7

Complementary

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



B06E9F



6EB07F

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.



009488



B06E9F



708C4E

Square

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



B06E9F



AD784A



479268



008EBD

Rectangle

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



B06E9F



C06B6A



479268



00949E

Sweetspot

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



B06E9F



E6CCDF



7F6EB0



73646F



F2F2F2



737373

Same Dimension

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



B06E9F



E67ECB



B06E7F



595057



990072



1A0013

Inverse Universe

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



B06E9F



E67ECB



6EB0A0



595057



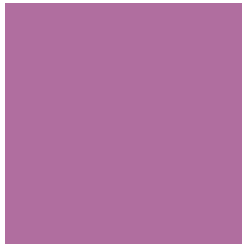
990072



1A0013

Previews

White Background



This preview shows how the Hex color B06E9F looks on a white background.

Color Contrast Check

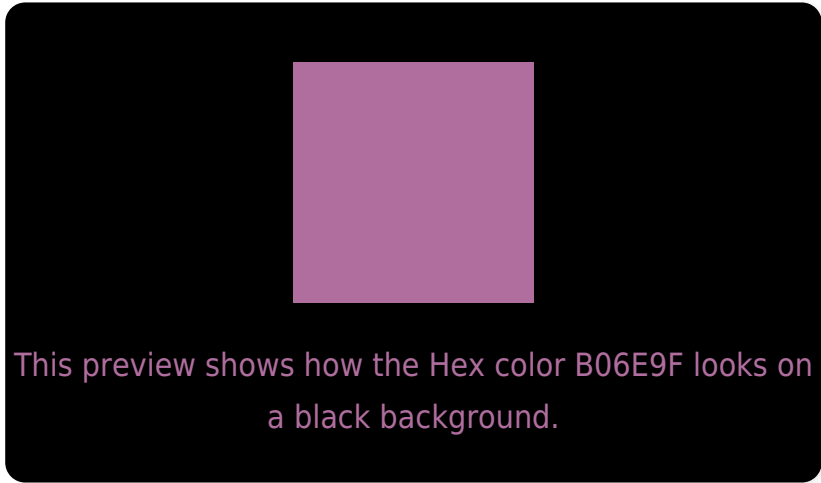
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

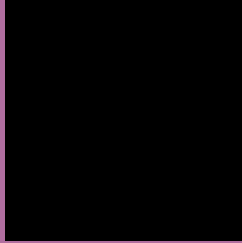
Any Text WCAG AA ✓ Pass

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 B06E9F Background



This preview shows how black text looks on a background with the Hex color B06E9F.

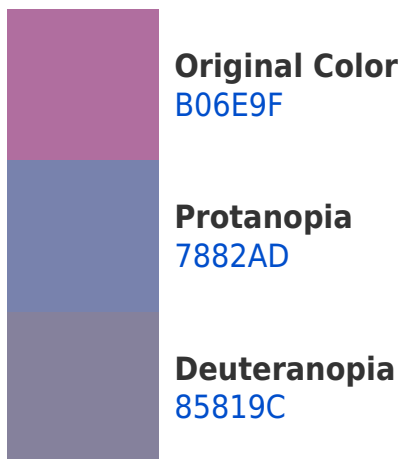


This preview shows how white text looks on a background with the Hex color B06E9F.

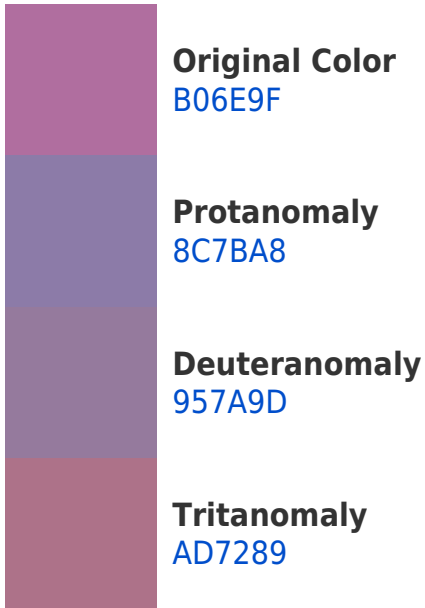
Color Blindness Simulation

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



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B06E9F 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 #B06E9F looks like.

```
.text, #text, p{  
    color:#B06E9F  
}
```

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 #B06E9F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B06E9F
}
```

Border

The CSS property to change the border of an element to Hex B06E9F is called "border". The border property can be set on classes, ids or directly on the HTML element.

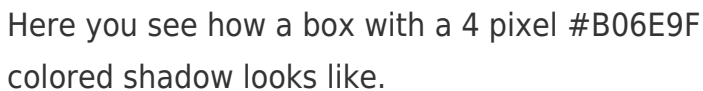
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B06E9F }
```

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

```
.border{ border-color:#B06E9F }
```

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



Here you see how a box with a 4 pixel #B06E9F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B06E9F; -webkit-box-shadow:4px 4px  
4px 4px #B06E9F; box-shadow:4px 4px 4px  
4px #B06E9F }
```

Background

The CSS property to change the background color of an element to Hex B06E9F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B06E9F }
```

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

```
.background{ background-color:#B06E9F }
```

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