

Converting Colors

Hex(B64E9F)

Have a look what the booklet for
Hex(B64E9F) contains.

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Color

Hex(B64E9F)

Conversions

Conversions Part 1

Format	Color
Hex	B64E9F
RGB	182, 78, 159
RGB Percent	71%, 31%, 62%
CMY	0.2863, 0.6941, 0.3765
CMYK	0.00, 0.57, 0.13, 0.29
HSL	313°, 42%, 51%
HSV	313°, 57%, 71%
XYZ	28.2738, 17.8971, 34.7652
YIQ	118.3300, 35.9830, 47.2390

Conversions

Conversions Part 2

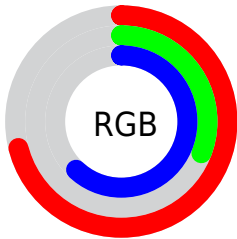
Format	Color
RYB	182, 78, 159
Decimal	11947679
CIELab	49.37, 52.00, -23.99
CIElCh	49, 57.268, 335.237
Yxy	17.8971, 0.3493, 0.2211
Android (android.graphics.Color)	4290137759 (0xFFB64E9F)
YUV	118.3300, 20.0503, 55.8386
Hunter-Lab	42.3049, 45.2639, -19.1097

Details

The Hex color **B64E9F** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **4EB665**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **F084D6**, and **7E136B** is the 20% darker color. If you saturate the color by 10%, you get **B63C9B**, and if you desaturate by 10%, it is **B660A3**.

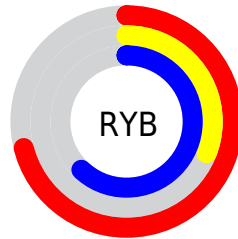
Distribution



Red (71%)

Green (31%)

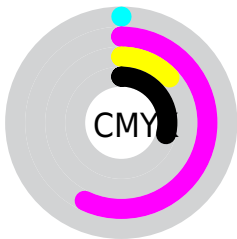
Blue (62%)



Red (71%)

Yellow (31%)

Blue (62%)

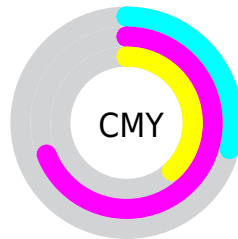


Cyan (0%)

Magenta (57%)

Yellow (13%)

Black (29%)



Cyan (29%)

Magenta (69%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color B64E9F 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 B64E9F by changing the saturation by 10% instead.



B64E9F



B64E9F

FFFFFF



9A3385



F084D6



7E136B



FF9FF2



630053



FFBBFF



49003B



FFD8FF



320026



FFF5FF



0A000E



000000



B64E9F



B64E9F



B63C9B



B660A3


 B62A97

 B672A7

 B61793

 B685AB

 B6058F

 B697AF

 B6008E

 B6A9B3

 B6BBB7

 B6CDDB

 B6E0BF

 B6F2C3

Harmonies

Analogous

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



8164C5



B64E9F



CB436F

Triad

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



B64E9F



857600



008BAC

Complementary

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



B64E9F



4EB665

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.



008C7D



B64E9F



52821B

Square

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



B64E9F



AC6416



00894A



0085CD

Rectangle

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



B64E9F



CA494F



00894A



008C9E

Sweetspot

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



B64E9F



EDC5E4



654EB6



786073



F7F7F7



787878

Same Dimension

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



B64E9F



ED4AC9



B64E6B



5C535A



9C0079



1C0016

Inverse Universe

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



B64E9F



ED4AC9



4EB699



5C535A



9C0079



1C0016

Previews

White Background



This preview shows how the Hex color B64E9F looks on a white background.

Color Contrast Check

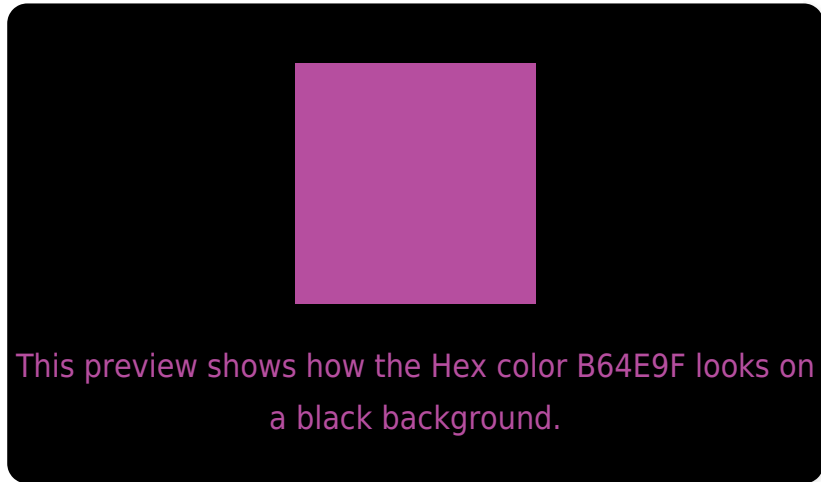
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

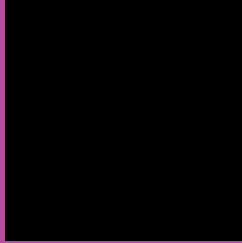
Any Text WCAG AA ✓ Pass

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 B64E9F Background



This preview shows how black text looks on a background with the Hex color B64E9F.

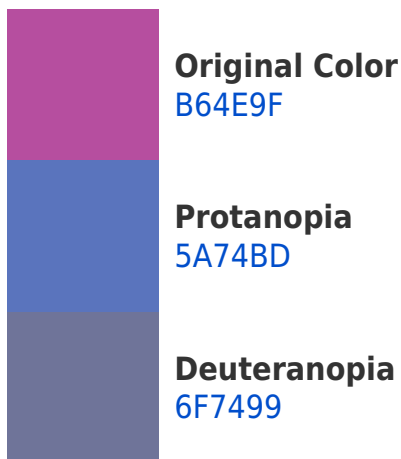


This preview shows how white text looks on a background with the Hex color B64E9F.

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



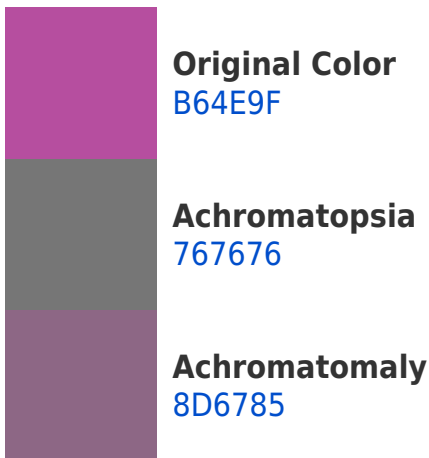


Tritanopia
B05D63

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B64E9F 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 #B64E9F looks like.

```
.text, #text, p{  
    color:#B64E9F  
}
```

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 #B64E9F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B64E9F
}
```

Border

The CSS property to change the border of an element to Hex B64E9F is called "border". The border property can be set on classes, ids or directly on the HTML element.

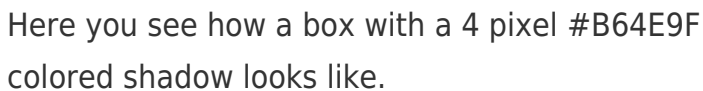
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B64E9F }
```

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

```
.border{ border-color:#B64E9F }
```

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



Here you see how a box with a 4 pixel #B64E9F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B64E9F; -webkit-box-shadow:4px 4px  
4px 4px #B64E9F; box-shadow:4px 4px 4px  
4px #B64E9F }
```

Background

The CSS property to change the background color of an element to Hex B64E9F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B64E9F }
```

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

```
.background{ background-color:#B64E9F }
```

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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