

Converting Colors

Hex(B94EB9)

Have a look what the booklet for
Hex(B94EB9) contains.

Hex(B94EB9)	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(B94EB9)

Conversions

Conversions Part 1

Format	Color
Hex	B94EB9
RGB	185, 78, 185
RGB Percent	73%, 31%, 73%
CMY	0.2745, 0.6941, 0.2745
CMYK	0.00, 0.58, 0.00, 0.27
HSL	300°, 43%, 52%
HSV	300°, 58%, 73%
XYZ	31.4889, 19.2658, 47.9580
YIQ	122.1910, 29.4250, 55.9610

Conversions

Conversions Part 2

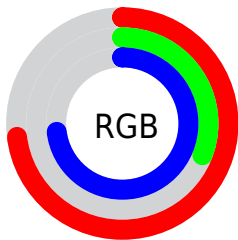
Format	Color
R_{YB}	185, 78, 185
Decimal	12144313
CIE _{Lab}	51.00, 57.19, -36.66
CIE _{LCh}	51, 67.934, 327.342
Yxy	19.2658, 0.3190, 0.1952
Android (android.graphics.Color)	4290334393 (0xFFB94EB9)
YUV	122.1910, 30.9648, 55.0835
Hunter-Lab	43.8929, 51.2441, -34.0561

Details

The Hex color **B94EB9** is a dark color, and the websafe version is hex **CC66CC**. A complement of this color would be **4EB94E**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **F385F1**, and **810F83** is the 20% darker color. If you saturate the color by 10%, you get **B93CB9**, and if you desaturate by 10%, it is **B961B9**.

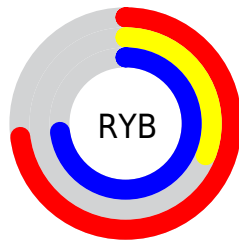
Distribution



Red (73%)

Green (31%)

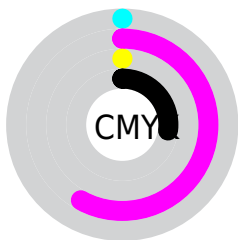
Blue (73%)



Red (73%)

Yellow (31%)

Blue (73%)

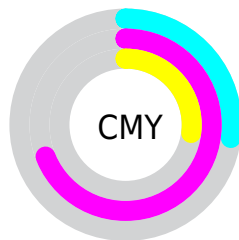


Cyan (0%)

Magenta (58%)

Yellow (0%)

Black (27%)



Cyan (27%)

Magenta (69%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color B94EB9 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 B94EB9 by changing the saturation by 10% instead.

 B94EB9

 B94EB9

FFFFFF

 9D329E

 F385F1

 810F83

 FFA0FF

 66006A

 FFBDFE

 4B0051

 FFD9FF

 33003A

 FFF7FF

 130023

 000009

 000000

 B94EB9

 B94EB9

 B93CB9

 B961B9

 B929B9

 B973B9

 B916B9

 B985B9

 B904B9

 B998B9

 B900B9

 B9ABB9

 B9BDB9

 B9D0B9

 B9E2B9

 B9F5B9

Harmonies

Analogous

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



696CE2



B94EB9



DB3681

Triad

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



B94EB9



977500



0093AD

Complementary

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



B94EB9



4EB94E

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.



009372



B94EB9



5F8500

Square

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



B94EB9



C25D0C



008F36



008EDB

Rectangle

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



B94EB9



DF395B



008F36



00939A

Sweetspot

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



B94EB9



F0C7F0



4E4EB9



786078



F7F7F7



787878

Same Dimension

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



B94EB9



F04AF0



B94E84



5C535C



9C009C



1C001C

Inverse Universe

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



B94EB9



F04AF0



4EB984



5C535C



9C009C



1C001C

Previews

White Background



This preview shows how the Hex color B94EB9 looks on a white background.

Color Contrast Check

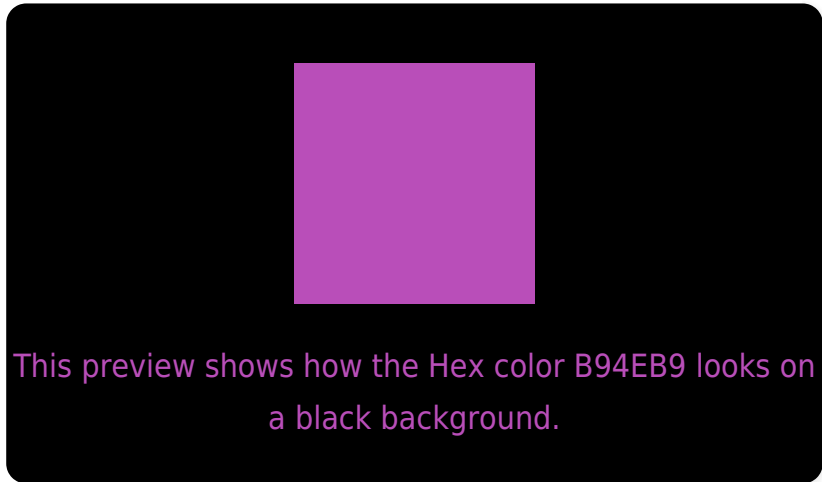
Large Text (above 18pt) WCAG AA ✓ Pass

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

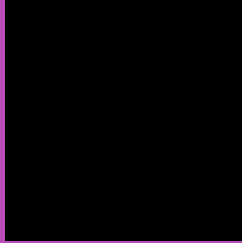
Any Text WCAG AA ✓ Pass

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 B94EB9 Background



This preview shows how black text looks on a background with the Hex color B94EB9.

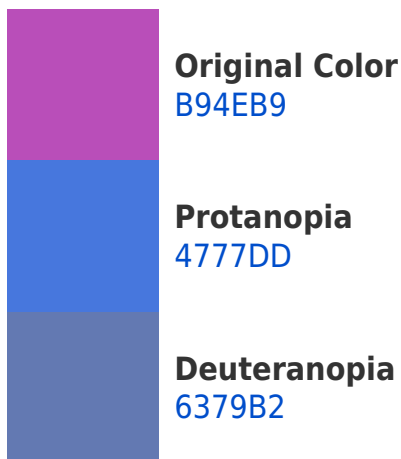


This preview shows how white text looks on a background with the Hex color B94EB9.

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



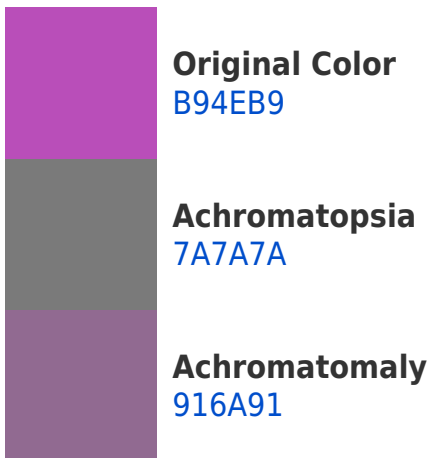


Tritanopia
B0636B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B94EB9 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 #B94EB9 looks like.

```
.text, #text, p{  
    color:#B94EB9  
}
```

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 #B94EB9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B94EB9
}
```

Border

The CSS property to change the border of an element to Hex B94EB9 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
#B94EB9 }
```

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

```
.border{ border-color:#B94EB9 }
```

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

Here you see how a box with a 4 pixel #B94EB9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B94EB9; -webkit-box-shadow:4px 4px  
4px 4px #B94EB9; box-shadow:4px 4px 4px  
4px #B94EB9 }
```

Background

The CSS property to change the background color of an element to Hex B94EB9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B94EB9 }
```

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

```
.background{ background-color:#B94EB9 }
```

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