

# Converting Colors

Hex(B94FA2)

Have a look what the booklet for  
Hex(B94FA2) contains.

<b>Hex(B94FA2)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(B94FA2)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	<a href="#">B94FA2</a>
RGB	<a href="#">185, 79, 162</a>
RGB Percent	<a href="#">73%, 31%, 64%</a>
CMY	<a href="#">0.2745, 0.6902, 0.3647</a>
CMYK	<a href="#">0.00, 0.57, 0.12, 0.27</a>
HSL	<a href="#">313°, 43%, 52%</a>
HSV	<a href="#">313°, 57%, 73%</a>
XYZ	<a href="#">29.3252, 18.5149, 36.2105</a>
YIQ	<a href="#">120.1560, 36.5330, 48.2850</a>

# Conversions

## Conversions Part 2

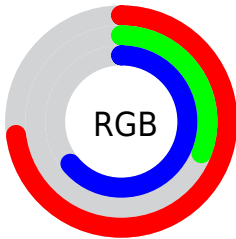
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	185, 79, 162
Decimal	12144546
CIE <sub>Lab</sub>	50.11, 52.88, -24.57
CIE <sub>LCh</sub>	50, 58.314, 335.076
Yxy	18.5149, 0.3489, 0.2203
Android (android.graphics.Color)	4290334626 (0xFFB94FA2)
YUV	120.1560, 20.6291, 56.8682
Hunter-Lab	43.0289, 46.3510, -19.7746

# Details

The Hex color **B94FA2** is a dark color, and the websafe version is hex **CC66CC**. A complement of this color would be **4FB966**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **F385D9**, and **81146E** is the 20% darker color. If you saturate the color by 10%, you get **B93D9E**, and if you desaturate by 10%, it is **B962A6**.

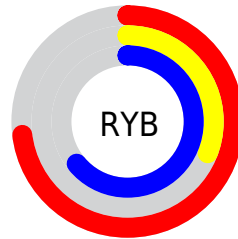
# Distribution



Red (73%)

Green (31%)

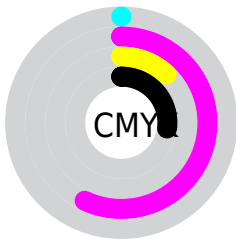
Blue (64%)



Red (73%)

Yellow (31%)

Blue (64%)

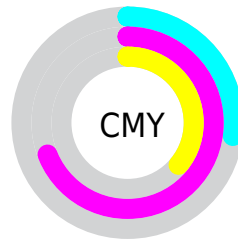


Cyan (0%)

Magenta (57%)

Yellow (12%)

Black (27%)



Cyan (27%)

Magenta (69%)

Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B94FA2 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 B94FA2 by changing the saturation by 10% instead.



 B94FA2

 B94FA2

FFFFFF

 9D3488

 F385D9

 81146E

 FFA1F6

 660055

 FFBDFE

 4B003E

 FFD9FF

 350028

 FFF7FF

 110011

 000000

 B94FA2

 B94FA2

 B93D9E

 B962A6

 B92A9A

 B974AA

 B91896

 B987AE

 B90592

 B999B2

 B90091

 B9ACB6

 B9BEBA

 B9D1BE

 B9E3C2

 B9F5C6

# Harmonies

## Analogous

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



8266C9



B94FA2



CF4471

# Triad

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



B94FA2



877800



008DAF

# Complementary

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



B94FA2



4FB966

# 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.



008E7F



B94FA2



53841B

# Square

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



B94FA2



AF6515



008B4B



0087D1

# Rectangle

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



B94FA2



CE4950



008B4B



008EA0



# Sweetspot

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



B94FA2



F0C7E7



664FB9



786073



F7F7F7



787878



# Same Dimension

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



B94FA2



F04ACC



B94F6D



5C535A



9C007A



1C0016



# Inverse Universe

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



B94FA2



F04ACC



4FB99B



5C535A



9C007A



1C0016



# Previews

## White Background



This preview shows how the Hex color B94FA2 looks on a white background.

## Color Contrast Check

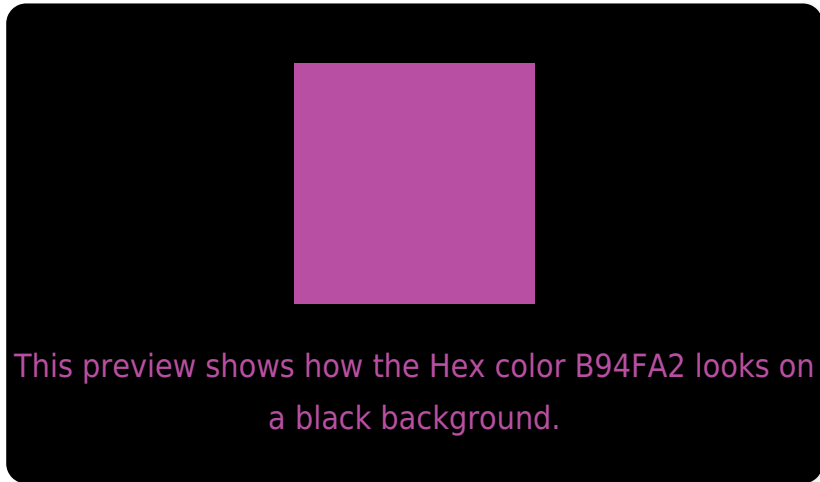
Large Text (above 18pt) WCAG AA ✓ Pass

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 B94FA2 Background



This preview shows how black text looks on a background with the Hex color B94FA2.

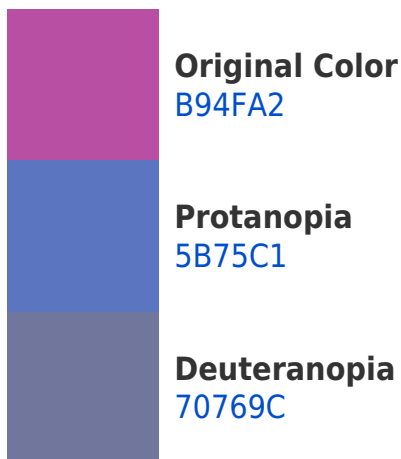


This preview shows how white text looks on a background with the Hex color B94FA2.

# 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**  
B35E65

# Trichromacy



**Original Color**  
B94FA2



**Protanomaly**  
7D67B6



**Deuteranomaly**  
8B689E



**Tritanomaly**  
B5597B

# Monochromacy



**Original Color**  
B94FA2



**Achromatopsia**  
787878



**Achromatomaly**  
906987

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B94FA2 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 #B94FA2 looks like.

```
.text, #text, p{  
    color:#B94FA2  
}
```

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 #B94FA2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B94FA2
}
```

## Border

The CSS property to change the border of an element to Hex B94FA2 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
#B94FA2 }
```

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

```
.border{ border-color:#B94FA2 }
```

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

Here you see how a box with a 4 pixel #B94FA2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B94FA2; -webkit-box-shadow:4px 4px  
4px 4px #B94FA2; box-shadow:4px 4px 4px  
4px #B94FA2 }
```

# Background

The CSS property to change the background color of an element to Hex B94FA2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B94FA2 }
```

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

```
.background{ background-color:#B94FA2 }
```

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