

Converting Colors

Hex(B94FD3)

Have a look what the booklet for
Hex(B94FD3) contains.

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Color

Hex(**B94FD3**)

Conversions

Conversions Part 1

Format	Color
Hex	B94FD3
RGB	185, 79, 211
RGB Percent	73%, 31%, 83%
CMY	0.2745, 0.6902, 0.1725
CMYK	0.12, 0.63, 0.00, 0.17
HSL	288°, 60%, 57%
HSV	288°, 63%, 83%
XYZ	34.5614, 20.6094, 63.7844
YIQ	125.7420, 20.8040, 63.5240

Conversions

Conversions Part 2

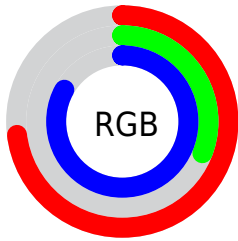
Format	Color
RYB	185, 79, 211
Decimal	12144595
CIELab	52.52, 61.54, -49.21
CIElCh	53, 78.793, 321.352
Yxy	20.6094, 0.2905, 0.1733
Android (android.graphics.Color)	4290334675 (0xFFB94FD3)
YUV	125.7420, 42.0322, 51.9693
Hunter-Lab	45.3976, 56.4473, -51.5252

Details

The Hex color **B94FD3** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light muted purple. A complement of this color would be **69D34F**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **F486FF**, and **800E9C** is the 20% darker color. If you saturate the color by 10%, you get **B53AD3**, and if you desaturate by 10%, it is **BD64D3**.

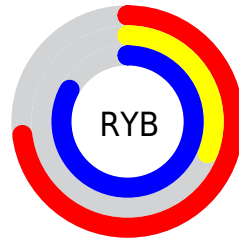
Distribution



Red (73%)

Green (31%)

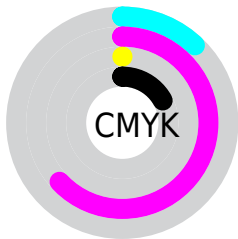
Blue (83%)



Red (73%)

Yellow (31%)

Blue (83%)

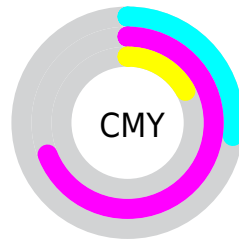


Cyan (12%)

Magenta (63%)

Yellow (0%)

Black (17%)



Cyan (27%)

Magenta (69%)

Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Hex color B94FD3 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 B94FD3 by changing the saturation by 10% instead.

 B94FD3

 B94FD3

FFFFFF

 9C32B7

 F486FF

 800E9C

 FFA2FF

 650081

 FFBEFF

 490067

 FFDBFF

 30004F

 FFF9FF

 110037

 000220

 000004

 000000

 B94FD3

 B94FD3

 B53AD3

 BD64D3

 B125D3

 C179D3

 AD10D3

 C58ED3

 A900D3

 CAA3D3

 CEB9D3

 D2CED3

 D6E3D3

 DAF8D3

 DEFFD3

Harmonies

Analogous

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



3C74FD



B94FD3



E92294

Triad

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



B94FD3



A87400



009AAD

Complementary

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



B94FD3



69D34F

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.



009967



B94FD3



6A8800

Square

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



B94FD3



D75304



00941A



0097E7

Rectangle

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



B94FD3



F21C67



00941A



009A96

Sweetspot

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



B94FD3



F5CFFF



4F69D3



7A6280



000000



808080

Same Dimension

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



B94FD3



D940FF



D34FAB



665E69



8700A8



210029

Inverse Universe

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



D34F69



FF4065



4FD377



695E60



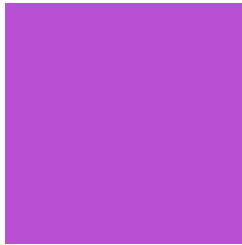
A80021



290008

Previews

White Background



This preview shows how the Hex color B94FD3 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

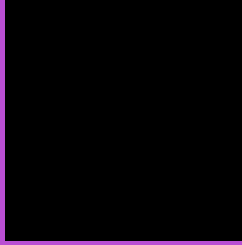
Any Text WCAG AA ✓ Pass

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 B94FD3 Background



This preview shows how black text looks on a background with the Hex color B94FD3.

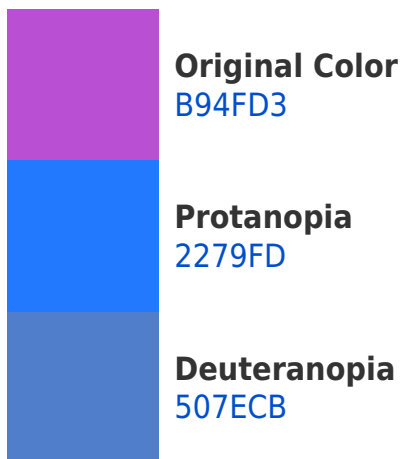


This preview shows how white text looks on a background with the Hex color B94FD3.

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
AC6B73

Trichromacy



Original Color
B94FD3



Protanomaly
596AEE



Deuteranomaly
766DCE



Tritanomaly
B16196

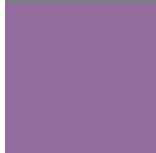
Monochromacy



Original Color
B94FD3



Achromatopsia
7E7E7E



Achromatomaly
936D9D

CSS Examples

Text

The CSS property to change the color of the text to Hex B94FD3 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 #B94FD3 looks like.

```
.text, #text, p{  
    color:#B94FD3  
}
```

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 #B94FD3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B94FD3
}
```

Border

The CSS property to change the border of an element to Hex B94FD3 is called "border". The border property can be set on classes, ids or directly on the HTML element.

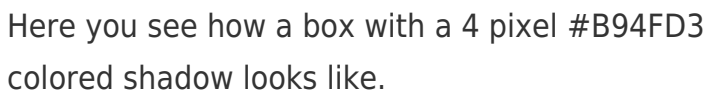
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B94FD3 }
```

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

```
.border{ border-color:#B94FD3 }
```

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



Here you see how a box with a 4 pixel #B94FD3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B94FD3; -webkit-box-shadow:4px 4px  
4px 4px #B94FD3; box-shadow:4px 4px 4px  
4px #B94FD3 }
```

Background

The CSS property to change the background color of an element to Hex B94FD3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B94FD3 }
```

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

```
.background{ background-color:#B94FD3 }
```

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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