

# Converting Colors

Hex(B908FF)

Have a look what the booklet for  
Hex(B908FF) contains.

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**Color**

**Hex(B908FF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B908FF
RGB	185, 8, 255
RGB Percent	73%, 3%, 100%
CMY	0.2745, 0.9686, 0.0000
CMYK	0.27, 0.97, 0.00, 0.00
HSL	283°, 100%, 52%
HSV	283°, 97%, 100%
XYZ	38.1444, 17.7080, 96.0153
YIQ	89.0810, 26.2050, 114.3410

# Conversions

## Conversions Part 2

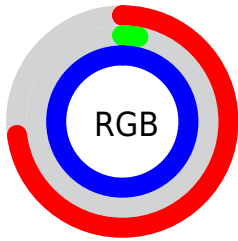
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	185, 8, 255
Decimal	12126463
CIE Lab	49.14, 88.03, -79.48
CIE LCh	49, 118.603, 317.923
Yxy	17.7080, 0.2512, 0.1166
Android (android.graphics.Color)	4290316543 (0xFFB908FF)
YUV	89.0810, 81.7981, 84.1210
Hunter-Lab	42.0808, 88.1610, -105.8247

# Details

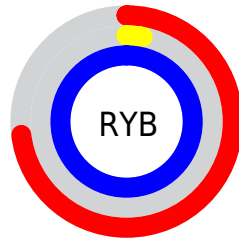
The Hex color **B908FF** is a dark color, and the websafe version is hex **CC00FF**. The color can be described as middle saturated purple. A complement of this color would be **4EFF08**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **F75EFF**, and **7C00C5** is the 20% darker color. If you saturate the color by 10%, you get **B700FF**, and if you desaturate by 10%, it is **C021FF**.

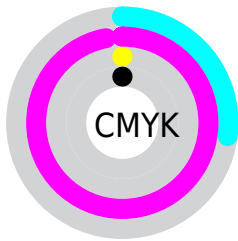
# Distribution



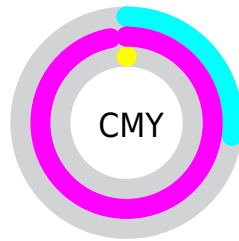
- Red (73%)
- Green (3%)
- Blue (100%)



- Red (73%)
- Yellow (3%)
- Blue (100%)



- Cyan (27%)
- Magenta (97%)
- Yellow (0%)
- Black (0%)



- Cyan (27%)
- Magenta (97%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B908FF 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 B908FF by changing the saturation by 10% instead.



 B908FF

 B908FF

FFFFFF

 9A00E2

 F75EFF

 7C00C5

 FF7DFF

 5D00A9

 FF9BFF

 3C008D

 FFB9FF

 180073

 FFD7FF

 000059

 FFF5FF

 000740

 000329

 000113

 B908FF

 B908FF

 B700FF

 C021FF

 C73BFF

 CF55FF

 D66EFF

 DD88FF

 E4A1FF

 ECBBFF

 F3D4FF

 FAEEFF

# Harmonies

## Analogous

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



0070FF



B908FF



FF00A2

# Triad

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



B908FF



AF6200



0098B1

# Complementary

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



B908FF



4EFF08

# 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.



009647



B908FF



538200

# Square

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



B908FF



F10000



009000



0099FF

# Rectangle

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



B908FF



FF0060



009000



00988E



# Sweetspot

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



B908FF



EAB5FF



0852FF



735380



000000



808080



# Same Dimension

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



B908FF



B700FF



FF08CE



7C7380



8900BF



2E0040



# Inverse Universe

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



FF084E



FF0048



08FF39



807376



BF0036



400012



# Previews

## White Background



This preview shows how the Hex color B908FF looks on a white background.

## Color Contrast Check

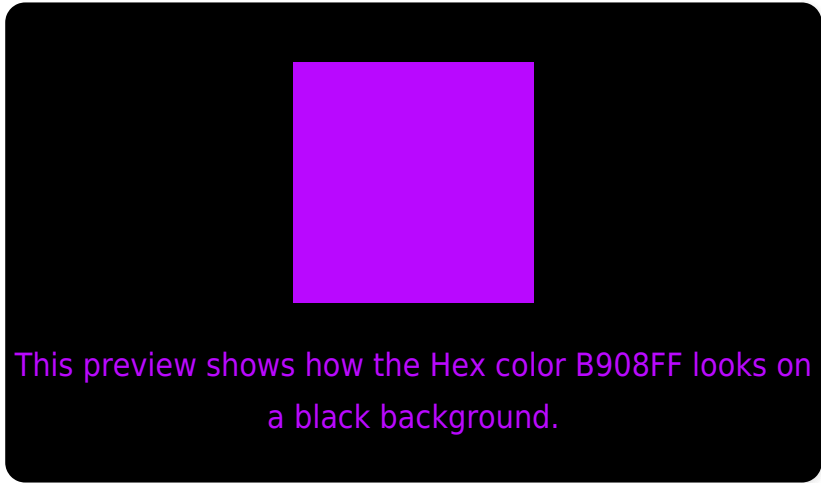
Large Text (above 18pt) WCAG AA ✓ Pass

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

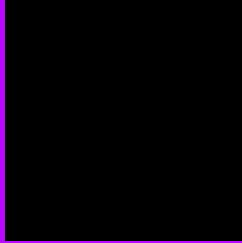
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex B908FF Background



This preview shows how black text looks on a background with the Hex color B908FF.

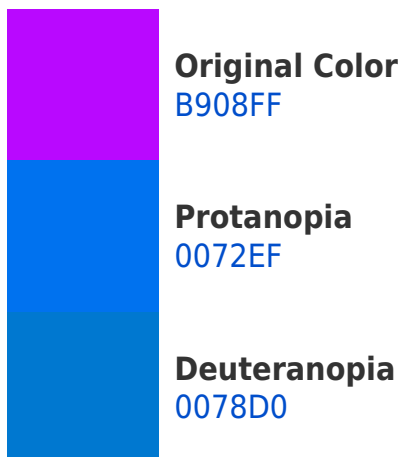


This preview shows how white text looks on a background with the Hex color B908FF.

# 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](#).

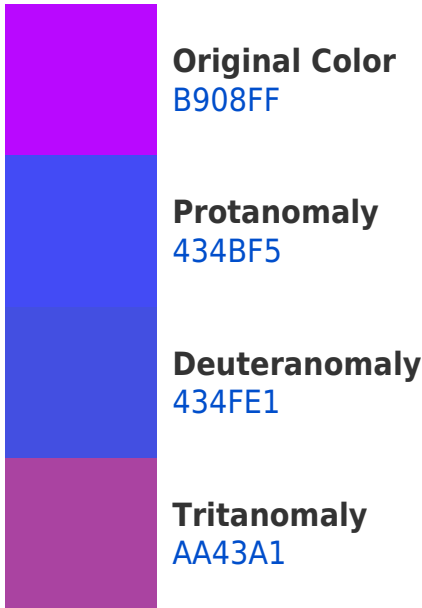
## Dichromacy



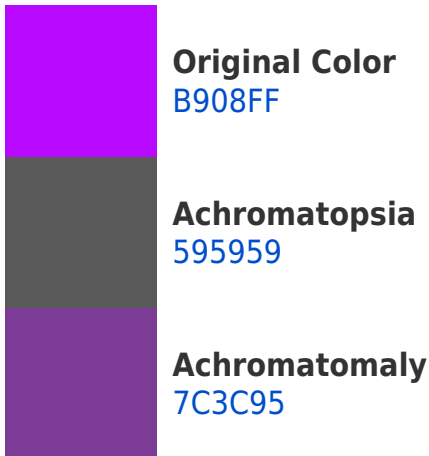


**Tritanopia**  
A1646B

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B908FF 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 #B908FF looks like.

```
.text, #text, p{  
    color:#B908FF  
}
```

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 #B908FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B908FF
}
```

## Border

The CSS property to change the border of an element to Hex B908FF 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".

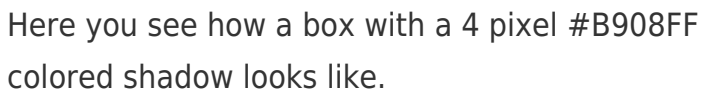
```
.border, #border, table{ border:4px solid
#B908FF }
```

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

```
.border{ border-color:#B908FF }
```

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

Here you see how a box with a 4 pixel #B908FF colored shadow looks like.

A rectangular box with a thick purple border and a purple shadow. The box is white with a purple border and a purple shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B908FF; -webkit-box-shadow:4px 4px  
4px 4px #B908FF; box-shadow:4px 4px 4px  
4px #B908FF }
```

# Background

The CSS property to change the background color of an element to Hex B908FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B908FF }
```

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

```
.background{ background-color:#B908FF }
```

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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