

Converting Colors

Hex(8900BF)

Have a look what the booklet for
Hex(8900BF) contains.

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Color

Hex(8900BF)

Conversions

Conversions Part 1

Format	Color
Hex	8900BF
RGB	137, 0, 191
RGB Percent	54%, 0%, 75%
CMY	0.4627, 1.0000, 0.2510
CMYK	0.28, 1.00, 0.00, 0.25
HSL	283°, 100%, 37%
HSV	283°, 100%, 75%
XYZ	19.7205, 9.0800, 50.0034
YIQ	62.7370, 20.3410, 88.4450

Conversions

Conversions Part 2

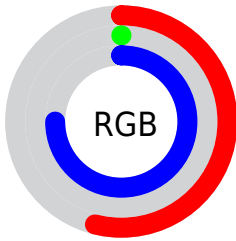
Format	Color
R_{YB}	137, 0, 191
Decimal	8978623
CIE _{Lab}	36.14, 71.27, -64.41
CIE _{LCh}	36, 96.065, 317.895
Yxy	9.0800, 0.2502, 0.1152
Android (android.graphics.Color)	4287168703 (0xFF8900BF)
YUV	62.7370, 63.2337, 65.1287
Hunter-Lab	30.1330, 64.0865, -77.2943

Details

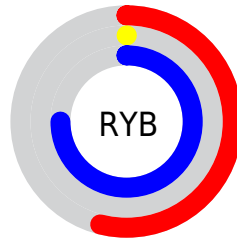
The Hex color **8900BF** is a dark color, and the websafe version is hex **9900CC**. A complement of this color would be **36BF00**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **C44FF8**, and **4F0088** is the 20% darker color. If you saturate the color by 10%, you get **8900BF**, and if you desaturate by 10%, it is **8E13BF**.

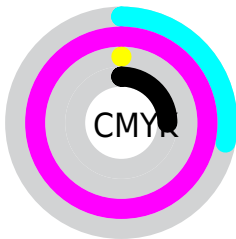
Distribution



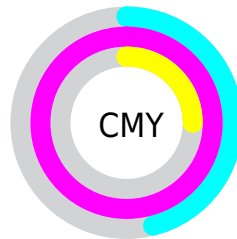
- Red (54%)
- Green (0%)
- Blue (75%)



- Red (54%)
- Yellow (0%)
- Blue (75%)



- Cyan (28%)
- Magenta (100%)
- Yellow (0%)
- Black (25%)



- Cyan (46%)
- Magenta (100%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8900BF 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 8900BF by changing the saturation by 10% instead.

 8900BF

 8900BF

FFFFFF

 6C00A3

 C44FF8

 4F0088

 E16CFF

 31006E

 FF88FF

 0E0055

 FFA4FF

 00003C

 FFC1FF

 000225

 FFDEFF

 00010E

 FFFCFF

 000000

 8900BF

 8E13BF

 9426BF

 9939BF

 9F4CBF

 A460BF

 A973BF

 AF86BF

 B499BF

 BAACBF

Harmonies

Analogous

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



0051ED



8900BF



C60078

Triad

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



8900BF



824700



007083

Complementary

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



8900BF



36BF00

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.



006E31



8900BF



3B5F00

Square

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



8900BF



B40000



006A00



0071C9

Rectangle

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



8900BF



D10045



006A00



006F69

Sweetspot

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



8900BF



E2ADF7



0036BF



70507D



FCFCFC



7D7D7D

Same Dimension

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



8900BF



B100F7



BF0096



5C555E



71009E



16001F

Inverse Universe

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



BF0036



F70046



00BF29



5E5558



9E002D



1F0009

Previews

White Background



This preview shows how the Hex color 8900BF looks on a white background.

Color Contrast Check

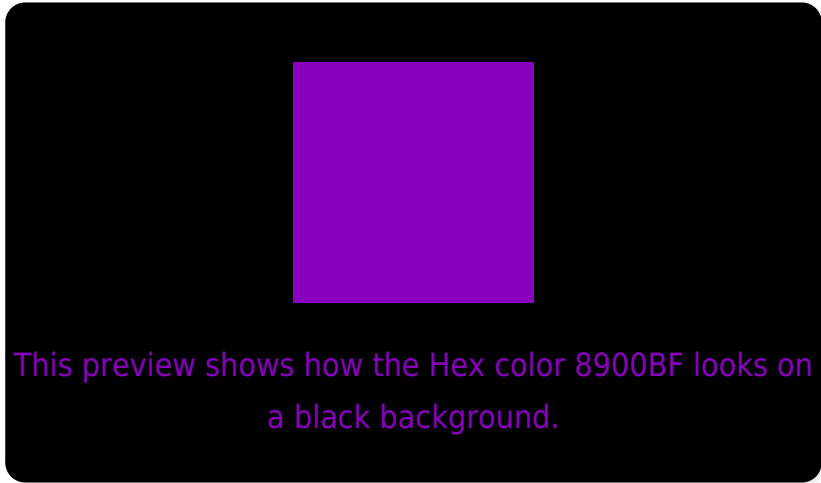
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

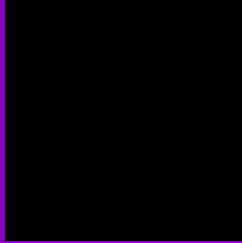
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 8900BF Background



This preview shows how black text looks on a background with the Hex color 8900BF.

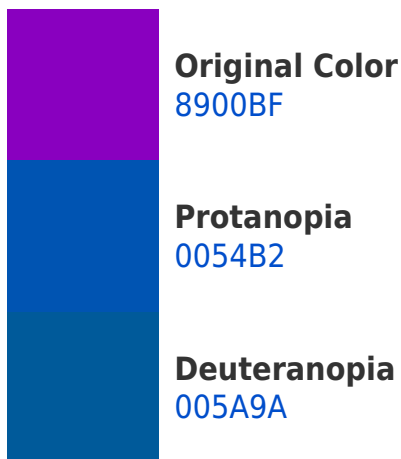


This preview shows how white text looks on a background with the Hex color 8900BF.

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](#).

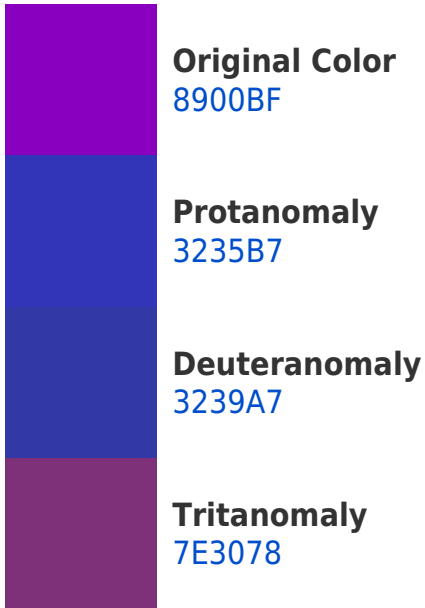
Dichromacy



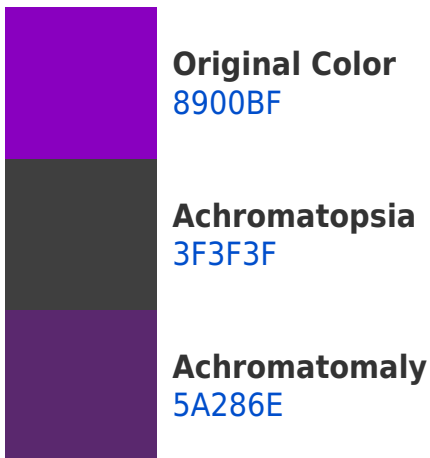


Tritanopia
774B50

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 8900BF 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 #8900BF looks like.

```
.text, #text, p{  
    color:#8900BF  
}
```

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 #8900BF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8900BF
}
```

Border

The CSS property to change the border of an element to Hex 8900BF is called "border". The border property can be set on classes, ids or directly on the HTML element.

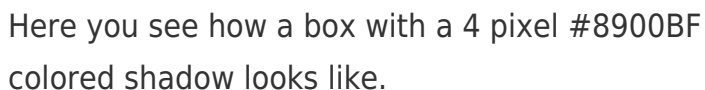
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8900BF }
```

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

```
.border{ border-color:#8900BF }
```

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



Here you see how a box with a 4 pixel #8900BF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8900BF; -webkit-box-shadow:4px 4px  
4px 4px #8900BF; box-shadow:4px 4px 4px  
4px #8900BF }
```

Background

The CSS property to change the background color of an element to Hex 8900BF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8900BF }
```

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

```
.background{ background-color:#8900BF }
```

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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