

Converting Colors

Hex(900FBD)

Have a look what the booklet for
Hex(900FBD) contains.

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Color

Hex(900FBD)

Conversions

Conversions Part 1

Format	Color
Hex	900FBD
RGB	144, 15, 189
RGB Percent	56%, 6%, 74%
CMY	0.4353, 0.9412, 0.2588
CMYK	0.24, 0.92, 0.00, 0.26
HSL	284°, 85%, 40%
HSV	284°, 92%, 74%
XYZ	20.8577, 9.9451, 48.9644
YIQ	73.4070, 21.0300, 81.4620

Conversions

Conversions Part 2

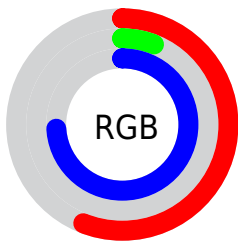
Format	Color
RYB	144, 15, 189
Decimal	9441213
CIELab	37.74, 69.93, -60.57
CIELCh	38, 92.515, 319.106
Yxy	9.9451, 0.2615, 0.1247
Android (android.graphics.Color)	4287631293 (0xFF900FBD)
YUV	73.4070, 56.9873, 61.9101
Hunter-Lab	31.5358, 62.8720, -69.9822

Details

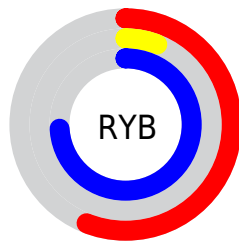
The Hex color **900FBD** is a dark color, and the websafe version is hex **9933CC**. A complement of this color would be **3CBD0F**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **CA54F6**, and **570086** is the 20% darker color. If you saturate the color by 10%, you get **8C00BD**, and if you desaturate by 10%, it is **9522BD**.

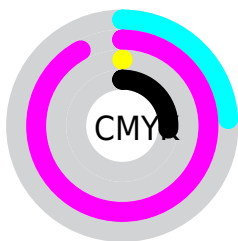
Distribution



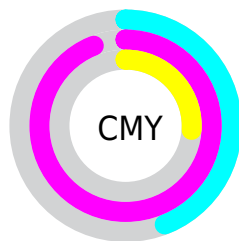
- Red (56%)
- Green (6%)
- Blue (74%)



- Red (56%)
- Yellow (6%)
- Blue (74%)



- Cyan (24%)
- Magenta (92%)
- Yellow (0%)
- Black (26%)



- Cyan (44%)
- Magenta (94%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Hex color 900FBD 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 900FBD by changing the saturation by 10% instead.

 900FBD

 900FBD

FFFFFF

 7300A1

 CA54F6

 570086

 E871FF

 3A006C

 FF8DFF

 1D0053

 FFAAFF

 00003B

 FFC7FF

 000224

 FFE4FF

 00000C

 000000

 900FBD

 900FBD

8C00BD

9522BD

9A35BD

9F48BD

A45BBD

A86EBD

AD80BD

B293BD

B7A6BD

BCB9BD

Harmonies

Analogous

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



0053EB



900FBD



C90078

Triad

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



900FBD



834C00



007489

Complementary

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



900FBD



3CBD0F

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.



00723A



900FBD



3E6400

Square

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



900FBD



B50900



006E00



0074CB

Rectangle

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



900FBD



D20047



006E00



00746F

Sweetspot

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



900FBD



E3B0F5



0F3DBD



70517A



FAFAFA



7A7A7A

Same Dimension

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



900FBD



B500F5



BD0F94



5C555E



75009E



17001F

Inverse Universe

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



BD0F3C



F5003F



0FBD38



5E5557



9E0029



1F0008

Previews

White Background



This preview shows how the Hex color 900FBD looks on a white background.

Color Contrast Check

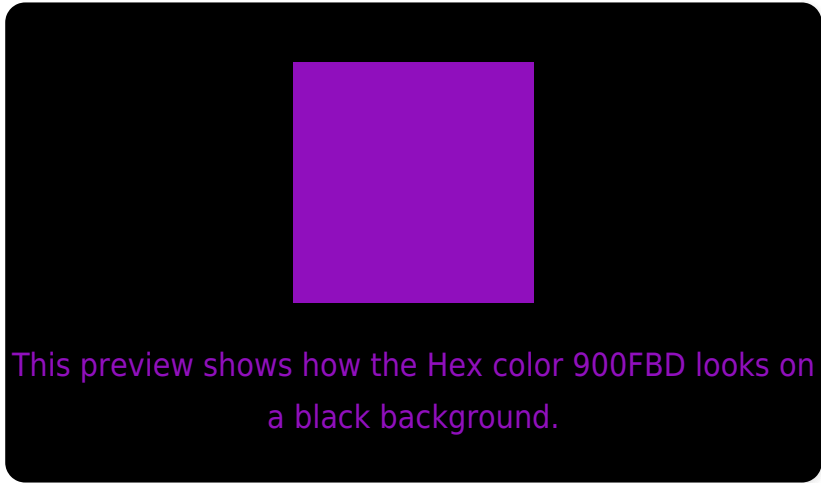
Large Text (above 18pt) WCAG AA ✓ Pass

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

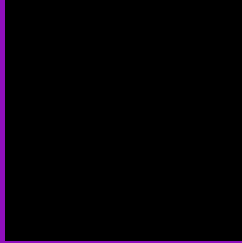
Any Text WCAG AA × Fail

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 900FBD Background



This preview shows how black text looks on a background with the Hex color 900FBD.

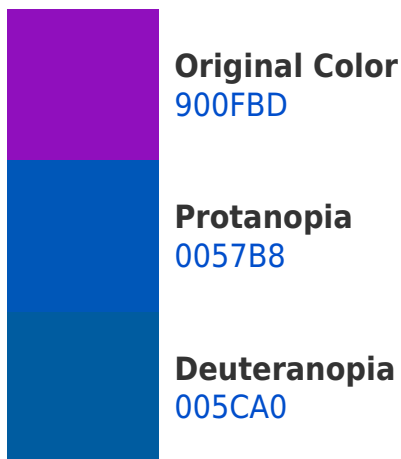


This preview shows how white text looks on a background with the Hex color 900FBD.

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](#).

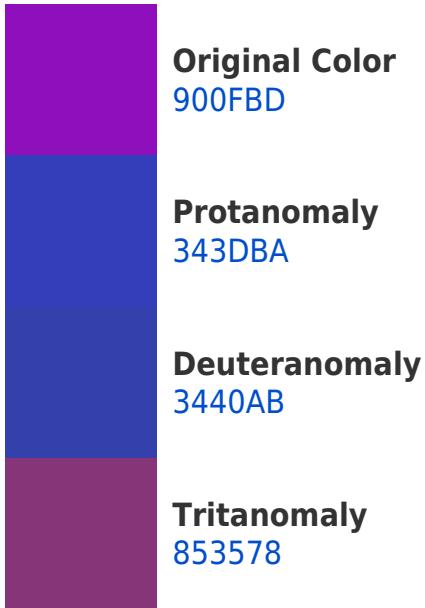
Dichromacy



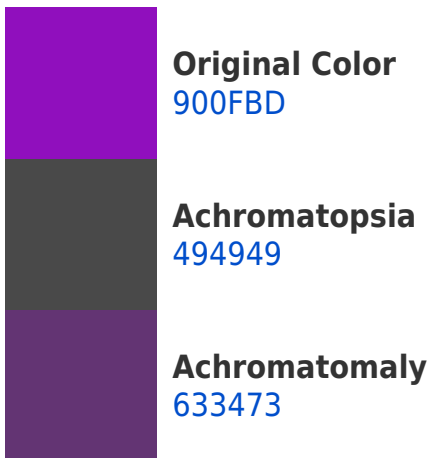


Tritanopia
7F4B50

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 900FBD 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 #900FBD looks like.

```
.text, #text, p{  
    color:#900FBD  
}
```

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 #900FBD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #900FBD
}
```

Border

The CSS property to change the border of an element to Hex 900FBD 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
#900FBD }
```

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

```
.border{ border-color:#900FBD }
```

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

Here you see how a box with a 4 pixel #900FBD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #900FBD; -webkit-box-shadow:4px 4px  
4px 4px #900FBD; box-shadow:4px 4px 4px  
4px #900FBD }
```

Background

The CSS property to change the background color of an element to Hex 900FBD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#900FBD }
```

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

```
.background{ background-color:#900FBD }
```

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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