

# Converting Colors

Hex(892FD2)

Have a look what the booklet for  
Hex(892FD2) contains.

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# Color

**Hex(892FD2)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	892FD2
RGB	137, 47, 210
RGB Percent	54%, 18%, 82%
CMY	0.4627, 0.8157, 0.1765
CMYK	0.35, 0.78, 0.00, 0.18
HSL	273°, 64%, 50%
HSV	273°, 78%, 82%
XYZ	22.9659, 12.0045, 62.0794
YIQ	92.4920, 1.3170, 69.7730

# Conversions

## Conversions Part 2

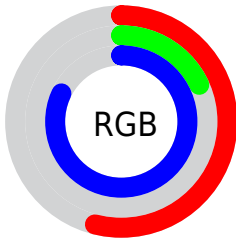
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	137, 47, 210
Decimal	8990674
CIE <sub>Lab</sub>	41.22, 64.77, -67.18
CIE <sub>LCh</sub>	41, 93.320, 313.954
Yxy	12.0045, 0.2366, 0.1237
Android (android.graphics.Color)	4287180754 (0xFF892FD2)
YUV	92.4920, 57.9314, 39.0335
Hunter-Lab	34.6476, 57.6843, -81.9790

# Details

The Hex color **892FD2** is a dark color, and the websafe version is hex **9933CC**. The color can be described as dark washed purple. A complement of this color would be **78D22F**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **C467FF**, and **4E009A** is the 20% darker color. If you saturate the color by 10%, you get **801AD2**, and if you desaturate by 10%, it is **9244D2**.

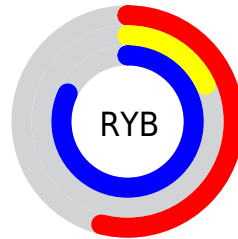
# Distribution



Red (54%)

Green (18%)

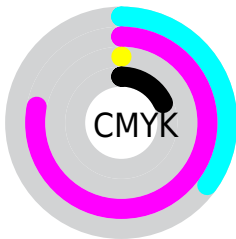
Blue (82%)



Red (54%)

Yellow (18%)

Blue (82%)

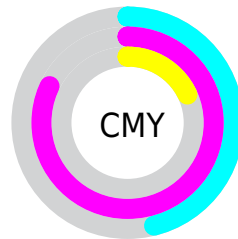


Cyan (35%)

Magenta (78%)

Yellow (0%)

Black (18%)



Cyan (46%)

Magenta (82%)

Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 892FD2 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 892FD2 by changing the saturation by 10% instead.



 892FD2

 892FD2

FFFFFF

 6C09B6


 C467FF

 4E009A

 E282FF

 2F007F

 FF9EFF

 080066

 FFBAFF

 00004C

 FFD7FF

 000534

 FFF5FF

 00021E

 000001

 000000

■ 892FD2

■ 892FD2

■ 801AD2

■ 9244D2

■ 7605D2

■ 9C59D2

■ 7400D2

■ A56ED2

■ AF83D2

■ B898D2

■ C1ADD2

■ CBC2D2

■ D4D7D2

■ DEECD2

# Harmonies

## Analogous

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



0061FA



892FD2



CF008E

# Triad

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



892FD2



984E00



007E85

# Complementary

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



892FD2



78D22F

# 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.



007B33



892FD2



566900

# Square

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



892FD2



C80000



007600



007ECC

# Rectangle

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



892FD2



DE005B



007600



007D6A



# Sweetspot

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



892FD2



E5C4FF



2F78D2



705C80



000000



808080



# Same Dimension

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



892FD2



9512FF



D22FCA



645E69



5D00A8



170029



# Inverse Universe

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



D22F78



FF127C



2FD237



695E63



A8004B

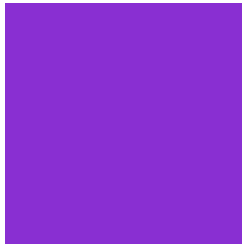


290012



# Previews

## White Background



This preview shows how the Hex color 892FD2 looks on a white background.

## Color Contrast Check

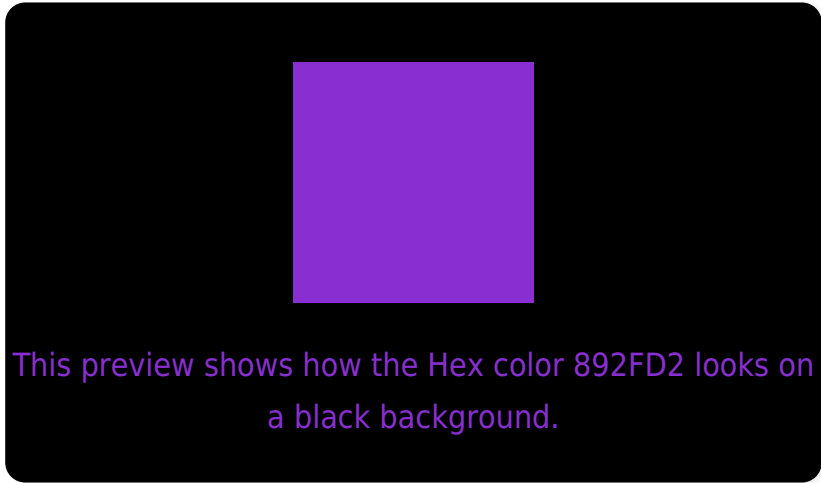
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

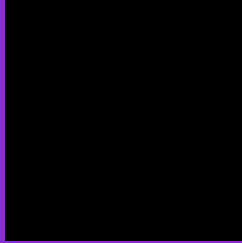
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 892FD2 Background



This preview shows how black text looks on a background with the Hex color 892FD2.

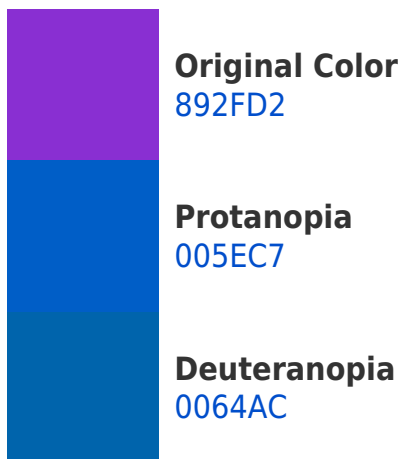


This preview shows how white text looks on a background with the Hex color 892FD2.

# 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**  
735B62

# Trichromacy



**Original Color**  
892FD2



**Protanomaly**  
324DCB



**Deuteranomaly**  
3251BA



**Tritanomaly**  
7B4B8B

# Monochromacy



**Original Color**  
892FD2



**Achromatopsia**  
5C5C5C



**Achromatomaly**  
6C4C87

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 892FD2 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 #892FD2 looks like.

```
.text, #text, p{  
    color:#892FD2  
}
```

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 #892FD2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #892FD2
}
```

## Border

The CSS property to change the border of an element to Hex 892FD2 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
#892FD2 }
```

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

```
.border{ border-color:#892FD2 }
```

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

Here you see how a box with a 4 pixel #892FD2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #892FD2; -webkit-box-shadow:4px 4px  
4px 4px #892FD2; box-shadow:4px 4px 4px  
4px #892FD2 }
```

# Background

The CSS property to change the background color of an element to Hex 892FD2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#892FD2 }
```

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

```
.background{ background-color:#892FD2 }
```

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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