

# Converting Colors

Hex(891BA2)

Have a look what the booklet for  
Hex(891BA2) contains.

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**Color**

**Hex(891BA2)**

# Conversions

## Conversions Part 1

Format	Color
Hex	891BA2
RGB	137, 27, 162
RGB Percent	54%, 11%, 64%
CMY	0.4627, 0.8941, 0.3647
CMYK	0.15, 0.83, 0.00, 0.36
HSL	289°, 71%, 37%
HSV	289°, 83%, 64%
XYZ	17.2300, 8.7109, 34.9557
YIQ	75.2800, 22.2250, 65.3050

# Conversions

## Conversions Part 2

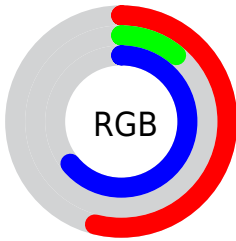
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	137, 27, 162
Decimal	8985506
CIE <sub>Lab</sub>	35.42, 61.33, -48.29
CIE <sub>LCh</sub>	35, 78.061, 321.786
Yxy	8.7109, 0.2829, 0.1430
Android (android.graphics.Color)	4287175586 (0xFF891BA2)
YUV	75.2800, 42.7530, 54.1284
Hunter-Lab	29.5142, 52.5565, -49.5613

# Details

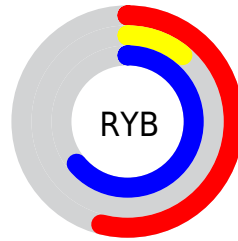
The Hex color **891BA2** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **34A21B**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **C257DA**, and **52006D** is the 20% darker color. If you saturate the color by 10%, you get **860BA2**, and if you desaturate by 10%, it is **8C2BA2**.

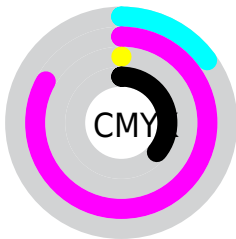
# Distribution



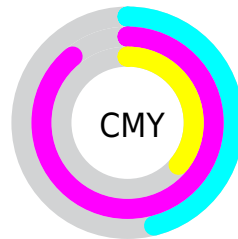
- Red (54%)
- Green (11%)
- Blue (64%)



- Red (54%)
- Yellow (11%)
- Blue (64%)



- Cyan (15%)
- Magenta (83%)
- Yellow (0%)
- Black (36%)



- Cyan (46%)
- Magenta (89%)
- Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 891BA2 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 891BA2 by changing the saturation by 10% instead.



 891BA2

 891BA2

FFFFFF

 6D0087

 C257DA

 52006D

 DF73F6

 370054

 FD8EFF

 1D003C

 FFAAFF

 000225

 FFC7FF

 00010E

 FFE4FF

 000000

 891BA2

 891BA2

 860BA2

 8C2BA2

8400A2

8F3BA2

924CA2

955CA2

986CA2

9B7CA2

9E8CA2

A19DA2

A4ADA2

# Harmonies

## Analogous

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



004BCA



891BA2



B40067

# Triad

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



891BA2



754B00



006B81

# Complementary

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



891BA2



34A21B

# 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.



006A40



891BA2



3A5E00

# Square

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



891BA2



A02500



006600



006AB6

# Rectangle

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



891BA2



BA003E



006600



006B6B



# Sweetspot

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



891BA2



CA9FD4



1B36A2



654B6B



EBEBEB



6B6B6B



# Same Dimension

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



891BA2



AC00D4



A21B7A



504952



760091



0F0012



# Inverse Universe

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



A21B34



D40027



1BA244



52494B



91001B

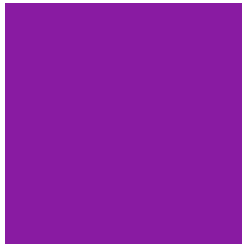


120003



# Previews

## White Background



This preview shows how the Hex color 891BA2 looks on a white background.

## Color Contrast Check

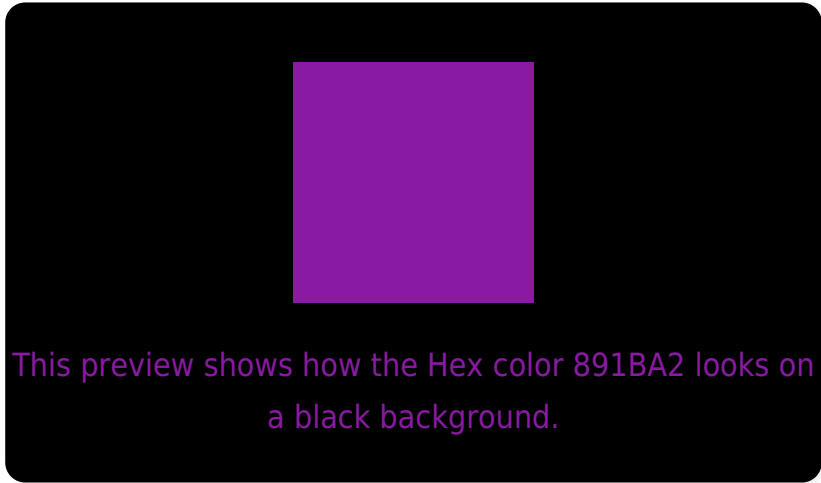
Large Text (above 18pt) WCAG AA ✓ Pass

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

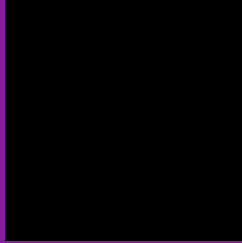
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 891BA2 Background



This preview shows how black text looks on a background with the Hex color 891BA2.

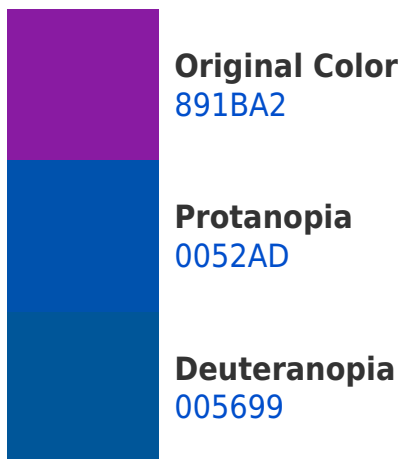


This preview shows how white text looks on a background with the Hex color 891BA2.

# 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**  
7D4348

# Trichromacy



**Original Color**  
891BA2



**Protanomaly**  
323EA9



**Deuteranomaly**  
32419C



**Tritanomaly**  
813469

# Monochromacy



**Original Color**  
891BA2



**Achromatopsia**  
4B4B4B



**Achromatomaly**  
623A6B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 891BA2 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 #891BA2 looks like.

```
.text, #text, p{  
    color:#891BA2  
}
```

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 #891BA2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #891BA2  
}
```

## Border

The CSS property to change the border of an element to Hex 891BA2 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  
#891BA2 }
```

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

```
.border{ border-color:#891BA2 }
```

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

Here you see how a box with a 4 pixel #891BA2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #891BA2; -webkit-box-shadow:4px 4px  
4px 4px #891BA2; box-shadow:4px 4px 4px  
4px #891BA2 }
```

# Background

The CSS property to change the background color of an element to Hex 891BA2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#891BA2 }
```

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

```
.background{ background-color:#891BA2 }
```

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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