

Converting Colors

Hex(890FAC)

Have a look what the booklet for
Hex(890FAC) contains.

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Color

Hex(890FAC)

Conversions

Conversions Part 1

Format	Color
Hex	890FAC
RGB	137, 15, 172
RGB Percent	54%, 6%, 67%
CMY	0.4627, 0.9412, 0.3255
CMYK	0.20, 0.91, 0.00, 0.33
HSL	287°, 84%, 37%
HSV	287°, 91%, 67%
XYZ	17.9337, 8.6386, 39.7519
YIQ	69.3760, 22.3150, 74.6910

Conversions

Conversions Part 2

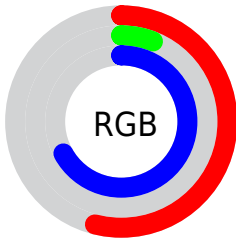
Format	Color
RYB	137, 15, 172
Decimal	8982444
CIELab	35.28, 65.75, -54.53
CIElCh	35, 85.420, 320.328
Yxy	8.6386, 0.2704, 0.1302
Android (android.graphics.Color)	4287172524 (0xFF890FAC)
YUV	69.3760, 50.5936, 59.3062
Hunter-Lab	29.3914, 57.4801, -59.6157

Details

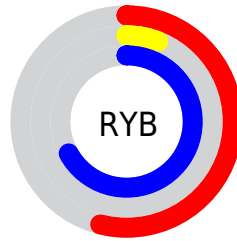
The Hex color **890FAC** is a dark color, and the websafe version is hex **9933CC**. A complement of this color would be **32AC0F**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **C352E4**, and **510077** is the 20% darker color. If you saturate the color by 10%, you get **8600AC**, and if you desaturate by 10%, it is **8D20AC**.

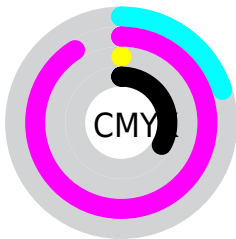
Distribution



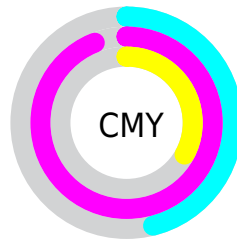
- Red (54%)
- Green (6%)
- Blue (67%)



- Red (54%)
- Yellow (6%)
- Blue (67%)



- Cyan (20%)
- Magenta (91%)
- Yellow (0%)
- Black (33%)



- Cyan (46%)
- Magenta (94%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 890FAC 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 890FAC by changing the saturation by 10% instead.

 890FAC

 890FAC

FFFFFF

 6D0091

 C352E4

 510077

 E06EFF

 35005D

 FE8AFF

 180045

 FFA6FF

 00022D

 FFC3FF

 000117

 FFE0FF

 000000

FFFEFF

 890FAC

 890FAC

8600AC

8D20AC

9131AC

9543AC

9854AC

9C65AC

A076AC

A487AC

A899AC

ACAAAC

Harmonies

Analogous

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



004CD7



890FAC



BB006C

Triad

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



890FAC



784900



006C81

Complementary

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



890FAC



32AC0F

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.



006A3A



890FAC



385D00

Square

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



890FAC



A61600



006700



006CBD

Rectangle

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



890FAC



C20040



006700



006C6A

Sweetspot

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



890FAC



D3A4E0



0F34AC



684C70



F0F0F0



707070

Same Dimension

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



890FAC



AE00E0



AC0F82



554E57



750096



120017

Inverse Universe

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



AC0F32



E00032



0FAC39



574E50



960022



170005

Previews

White Background



This preview shows how the Hex color 890FAC looks on a white background.

Color Contrast Check

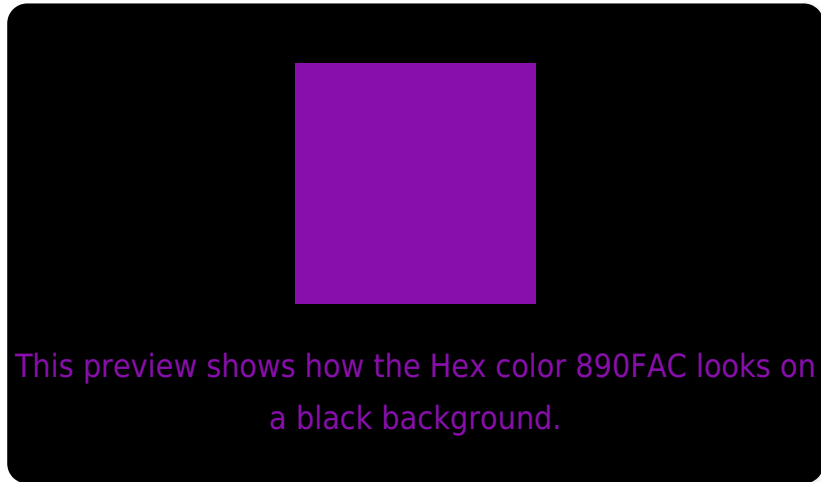
Large Text (above 18pt) WCAG AA ✓ Pass

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

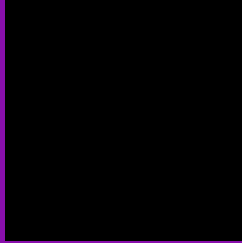
Any Text WCAG AA × Fail

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 890FAC Background



This preview shows how black text looks on a background with the Hex color 890FAC.



This preview shows how white text looks on a background with the Hex color 890FAC.

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



Original Color
890FAC

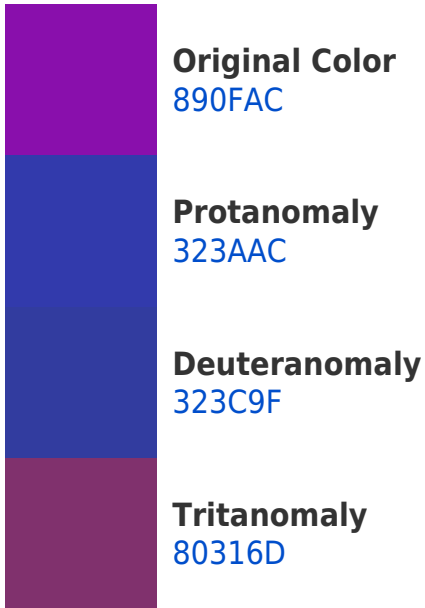
Protanopia
0052AC

Deuteranopia
005697

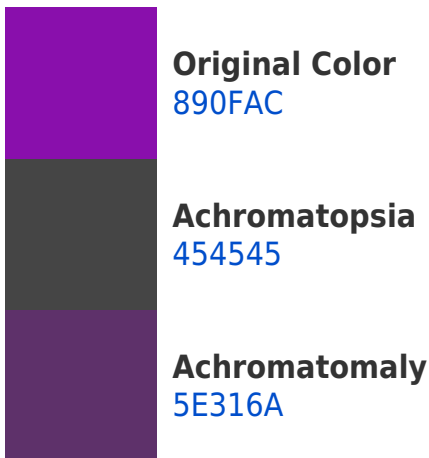


Tritanopia
7B4449

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 890FAC 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 #890FAC looks like.

```
.text, #text, p{  
    color:#890FAC  
}
```

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 #890FAC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #890FAC
}
```

Border

The CSS property to change the border of an element to Hex 890FAC is called "border". The border property can be set on classes, ids or directly on the HTML element.

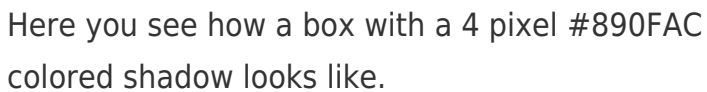
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#890FAC }
```

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

```
.border{ border-color:#890FAC }
```

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



Here you see how a box with a 4 pixel #890FAC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #890FAC; -webkit-box-shadow:4px 4px  
4px 4px #890FAC; box-shadow:4px 4px 4px  
4px #890FAC }
```

Background

The CSS property to change the background color of an element to Hex 890FAC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#890FAC }
```

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

```
.background{ background-color:#890FAC }
```

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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