

Converting Colors

Hex(890FF0)

Have a look what the booklet for
Hex(890FF0) contains.

Hex(890FF0)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(890FF0)

Conversions

Conversions Part 1

Format	Color
Hex	890FF0
RGB	137, 15, 240
RGB Percent	54%, 6%, 94%
CMY	0.4627, 0.9412, 0.0588
CMYK	0.43, 0.94, 0.00, 0.06
HSL	273°, 88%, 50%
HSV	273°, 94%, 94%
XYZ	26.2155, 11.9513, 83.3632
YIQ	77.1280, 0.4870, 95.8390

Conversions

Conversions Part 2

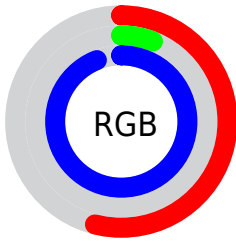
Format	Color
R _Y B	137, 15, 240
Decimal	8982512
CIE Lab	41.14, 79.18, -84.45
CIE LCh	41, 115.766, 313.156
Yxy	11.9513, 0.2157, 0.0983
Android (android.graphics.Color)	4287172592 (0xFF890FF0)
YUV	77.1280, 80.2959, 52.5077
Hunter-Lab	34.5706, 74.8612, -118.7717

Details

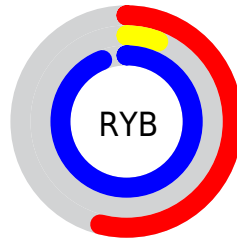
The Hex color **890FF0** is a dark color, and the websafe version is hex **9933FF**. The color can be described as dark saturated purple. A complement of this color would be **76F00F**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **C757FF**, and **4800B6** is the 20% darker color. If you saturate the color by 10%, you get **8200F0**, and if you desaturate by 10%, it is **9427F0**.

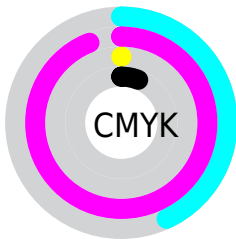
Distribution



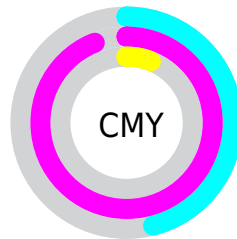
- Red (54%)
- Green (6%)
- Blue (94%)



- Red (54%)
- Yellow (6%)
- Blue (94%)



- Cyan (43%)
- Magenta (94%)
- Yellow (0%)
- Black (6%)



- Cyan (46%)
- Magenta (94%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Hex color 890FF0 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 890FF0 by changing the saturation by 10% instead.

 890FF0

 890FF0

FFFFFF

 6A00D3

 C757FF

 4800B6

 E674FF

 1E009B

 FF91FF

 000080

 FFAEFF

 000065

 FFCBFF

 00094C

 FFE8FF

 000434

 00021E

 000001

 890FF0

 890FF0

 8200F0

 9427F0

 9F3FF0

 AA57F0

 B56FF0

 C087F0

 CB9FF0

 D6B7F0

 E1CFF0

 ECE7F0

Harmonies

Analogous

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



0064FF



890FF0



E5009B

Triad

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



890FF0



A14700



00808B

Complementary

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



890FF0



76F00F

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.



007E22



890FF0



4F6B00

Square

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



890FF0



DB0000



007900



0082E5

Rectangle

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



890FF0



F7005C



007900



008069

Sweetspot

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



890FF0



DEB8FF



0F78F0



6C5480



000000



808080

Same Dimension

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



890FF0



8A00FF



F00FE9



726C78



6400B8



1E0038

Inverse Universe

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



F00F76



FF0075



0FF016



786C71



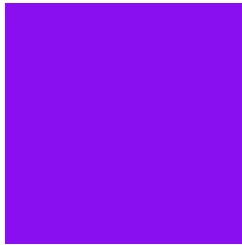
B80054



38001A

Previews

White Background



This preview shows how the Hex color 890FF0 looks on a white background.

Color Contrast Check

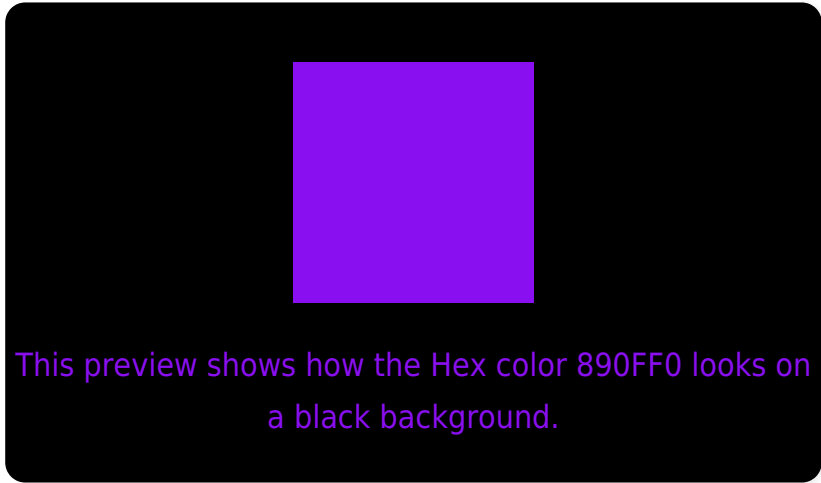
Large Text (above 18pt) WCAG AA ✓ Pass

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

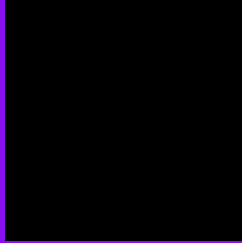
Any Text WCAG AA × Fail

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 890FF0 Background



This preview shows how black text looks on a background with the Hex color 890FF0.

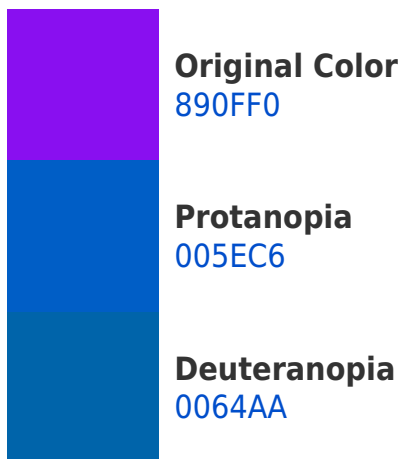


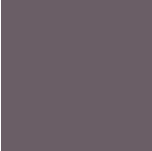
This preview shows how white text looks on a background with the Hex color 890FF0.

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
6A5E66

Trichromacy



Original Color
890FF0



Protanomaly
3241D5



Deuteranomaly
3245C3



Tritanomaly
754198

Monochromacy



Original Color
890FF0



Achromatopsia
4D4D4D



Achromatomaly
633688

CSS Examples

Text

The CSS property to change the color of the text to Hex 890FF0 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 #890FF0 looks like.

```
.text, #text, p{  
    color:#890FF0  
}
```

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 #890FF0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #890FF0
}
```

Border

The CSS property to change the border of an element to Hex 890FF0 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
#890FF0 }
```

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

```
.border{ border-color:#890FF0 }
```

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

Here you see how a box with a 4 pixel #890FF0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #890FF0; -webkit-box-shadow:4px 4px  
4px 4px #890FF0; box-shadow:4px 4px 4px  
4px #890FF0 }
```

Background

The CSS property to change the background color of an element to Hex 890FF0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#890FF0 }
```

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

```
.background{ background-color:#890FF0 }
```

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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