

Converting Colors

Hex(890F9E)

Have a look what the booklet for
Hex(890F9E) contains.

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Color

Hex(890F9E)

Conversions

Conversions Part 1

Format	Color
Hex	890F9E
RGB	137, 15, 158
RGB Percent	54%, 6%, 62%
CMY	0.4627, 0.9412, 0.3804
CMYK	0.13, 0.91, 0.00, 0.38
HSL	291°, 83%, 34%
HSV	291°, 91%, 62%
XYZ	16.6589, 8.1286, 33.0387
YIQ	67.7800, 26.8090, 70.3370

Conversions

Conversions Part 2

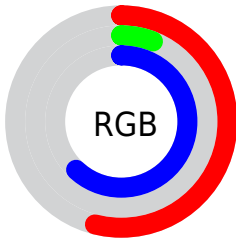
Format	Color
R_{YB}	137, 15, 158
Decimal	8982430
CIE _{Lab}	34.25, 63.22, -47.76
CIE _{LCh}	34, 79.235, 322.933
Yxy	8.1286, 0.2881, 0.1406
Android (android.graphics.Color)	4287172510 (0xFF890F9E)
YUV	67.7800, 44.4785, 60.7059
Hunter-Lab	28.5108, 54.4042, -48.7486

Details

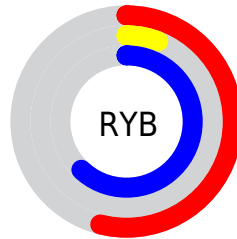
The Hex color **890F9E** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **249E0F**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **C251D5**, and **52006A** is the 20% darker color. If you saturate the color by 10%, you get **87009E**, and if you desaturate by 10%, it is **8B1F9E**.

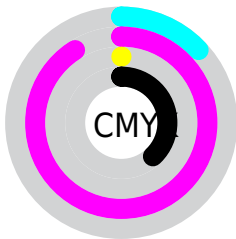
Distribution



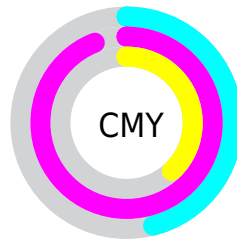
- Red (54%)
- Green (6%)
- Blue (62%)



- Red (54%)
- Yellow (6%)
- Blue (62%)



- Cyan (13%)
- Magenta (91%)
- Yellow (0%)
- Black (38%)



- Cyan (46%)
- Magenta (94%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 890F9E 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 890F9E by changing the saturation by 10% instead.

 890F9E

 890F9E

FFFFFF

 6D0083

 C251D5

 52006A

 DF6DF2

 370051

 FD89FF

 1C0039

 FFA5FF

 000222

 FFC2FF

 000008

 FFDFFF

 000000

 FFFCFF

 890F9E

 890F9E

87009E

8B1F9E

8E2F9E

903E9E

924E9E

955E9E

976E9E

997E9E

9C8D9E

9E9D9E

Harmonies

Analogous

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



0047C8



890F9E



B30062

Triad

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



890F9E



704900



006881

Complementary

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



890F9E



249E0F

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.



00673F



890F9E



335B00

Square

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



890F9E



9C2200



006400



0067B6

Rectangle

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



890F9E



B80039



006400



00686B

Sweetspot

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



890F9E



C697CF



0F249E



644769



E8E8E8



696969

Same Dimension

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



890F9E



B000CF



9E0F6C



4E474F



7A008F



0D000F

Inverse Universe

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



9E0F24



CF001E



0F9E41



4F4748



8F0015



0F0002

Previews

White Background



This preview shows how the Hex color 890F9E looks on a white background.

Color Contrast Check

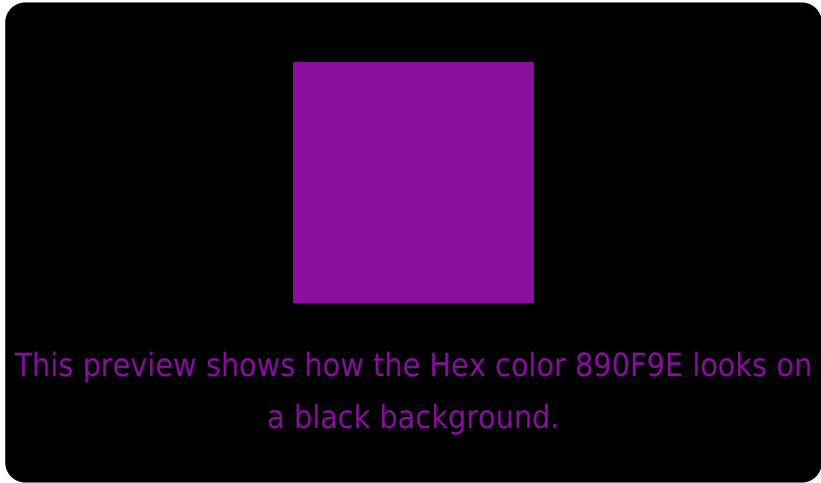
Large Text (above 18pt) WCAG AA ✓ Pass

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

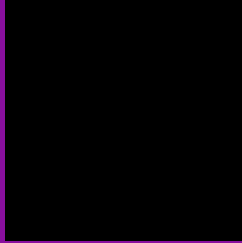
Any Text WCAG AA × Fail

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 890F9E Background



This preview shows how black text looks on a background with the Hex color 890F9E.



This preview shows how white text looks on a background with the Hex color 890F9E.

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
890F9E

Protanopia
0050A8

Deuteranopia
005495



Tritanopia
7D3F43

Trichromacy



Original Color
890F9E



Protanomaly
3238A4



Deuteranomaly
323B98



Tritanomaly
812E64

Monochromacy



Original Color
890F9E



Achromatopsia
444444



Achromatomaly
5D3165

CSS Examples

Text

The CSS property to change the color of the text to Hex 890F9E 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 #890F9E looks like.

```
.text, #text, p{  
    color:#890F9E  
}
```

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 #890F9E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #890F9E
}
```

Border

The CSS property to change the border of an element to Hex 890F9E is called "border". The border property can be set on classes, ids or directly on the HTML element.

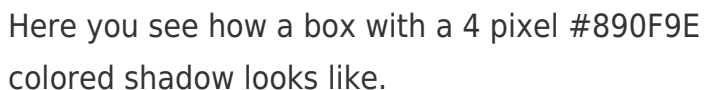
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#890F9E }
```

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

```
.border{ border-color:#890F9E }
```

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



Here you see how a box with a 4 pixel #890F9E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #890F9E; -webkit-box-shadow:4px 4px  
4px 4px #890F9E; box-shadow:4px 4px 4px  
4px #890F9E }
```

Background

The CSS property to change the background color of an element to Hex 890F9E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#890F9E }
```

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

```
.background{ background-color:#890F9E }
```

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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