

Converting Colors

Hex(911EAB)

Have a look what the booklet for
Hex(911EAB) contains.

Hex(911EAB)	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(911EAB)

Conversions

Conversions Part 1

Format	Color
Hex	911EAB
RGB	145, 30, 171
RGB Percent	57%, 12%, 67%
CMY	0.4314, 0.8824, 0.3294
CMYK	0.15, 0.82, 0.00, 0.33
HSL	289°, 70%, 39%
HSV	289°, 82%, 67%
XYZ	19.4920, 9.8886, 39.4094
YIQ	80.4590, 23.2790, 68.2310

Conversions

Conversions Part 2

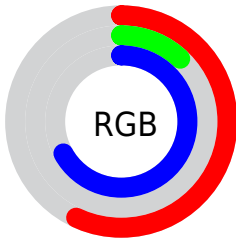
Format	Color
RYB	145, 30, 171
Decimal	9510571
CIELab	37.64, 63.64, -50.05
CIElCh	38, 80.962, 321.820
Yxy	9.8886, 0.2834, 0.1438
Android (android.graphics.Color)	4287700651 (0xFF911EAB)
YUV	80.4590, 44.6367, 56.6025
Hunter-Lab	31.4461, 55.6135, -52.2922

Details

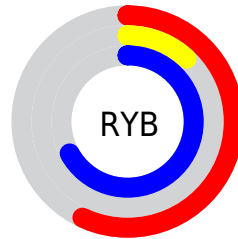
The Hex color **911EAB** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **38AB1E**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **CA5BE3**, and **590076** is the 20% darker color. If you saturate the color by 10%, you get **8E0DAB**, and if you desaturate by 10%, it is **942FAB**.

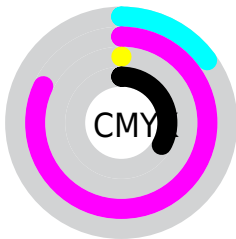
Distribution



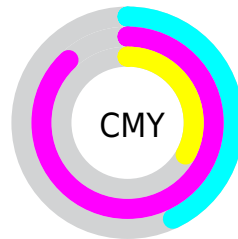
- Red (57%)
- Green (12%)
- Blue (67%)



- Red (57%)
- Yellow (12%)
- Blue (67%)



- Cyan (15%)
- Magenta (82%)
- Yellow (0%)
- Black (33%)



- Cyan (43%)
- Magenta (88%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 911EAB 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 911EAB by changing the saturation by 10% instead.

911EAB

911EAB

FFFFFF

750090

CA5BE3

590076

E876FF

3E005C

FF92FF

250044

FFAFFF

00002D

FFCBFF

000117

FFE8FF

000000

911EAB

911EAB

8E0DAB

942FAB

■ 8B00AB

■ 9740AB

■ 9A51AB

■ 9E62AB

■ A173AB

■ A485AB

■ A796AB

■ AAA7AB

■ ADB8AB

Harmonies

Analogous

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



0050D5



911EAB



BE006E

Triad

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



911EAB



7C5000



007288

Complementary

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



911EAB



38AB1E

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.



007044



911EAB



3E6300

Square

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



911EAB



A92800



006C00



0070C0

Rectangle

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



911EAB



C50043



006C00



007272

Sweetspot

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



911EAB



D4A6DE



1E3AAB



6A4F70



F0F0F0



707070

Same Dimension

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



911EAB



B502DE



AB1E81



554E57



7B0096



130017

Inverse Universe

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



AB1E38



DE022B



1EAB48



574E50



96001C



170004

Previews

White Background



This preview shows how the Hex color 911EAB looks on a white background.

Color Contrast Check

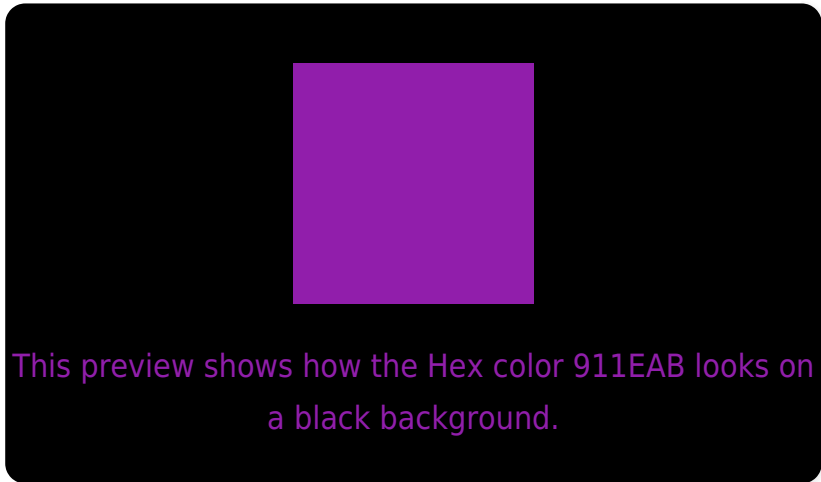
Large Text (above 18pt) WCAG AA ✓ Pass

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

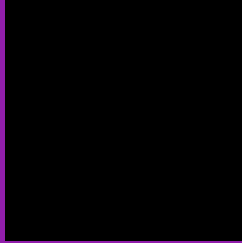
Any Text WCAG AA × Fail

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 911EAB Background



This preview shows how black text looks on a background with the Hex color 911EAB.

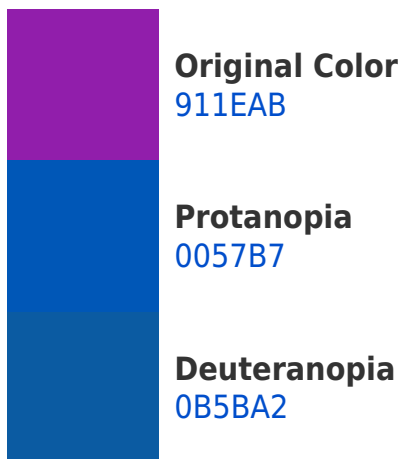


This preview shows how white text looks on a background with the Hex color 911EAB.

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
84474C

Trichromacy



Original Color
911EAB



Protanomaly
3542B3



Deuteranomaly
3C45A5



Tritanomaly
89386F

Monochromacy



Original Color
911EAB



Achromatopsia
505050



Achromatomaly
683E71

CSS Examples

Text

The CSS property to change the color of the text to Hex 911EAB 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 #911EAB looks like.

```
.text, #text, p{  
    color:#911EAB  
}
```

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 #911EAB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #911EAB
}
```

Border

The CSS property to change the border of an element to Hex 911EAB is called "border". The border property can be set on classes, ids or directly on the HTML element.

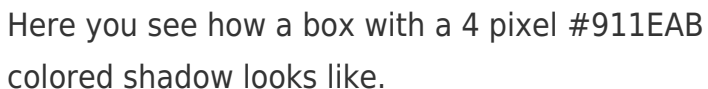
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#911EAB }
```

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

```
.border{ border-color:#911EAB }
```

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



Here you see how a box with a 4 pixel #911EAB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #911EAB; -webkit-box-shadow:4px 4px  
4px 4px #911EAB; box-shadow:4px 4px 4px  
4px #911EAB }
```

Background

The CSS property to change the background color of an element to Hex 911EAB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#911EAB }
```

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

```
.background{ background-color:#911EAB }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor