

# Converting Colors

Hex(921EDF)

Have a look what the booklet for  
Hex(921EDF) contains.

<b>Hex(921EDF)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(921EDF)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	921EDF
RGB	146, 30, 223
RGB Percent	57%, 12%, 87%
CMY	0.4275, 0.8824, 0.1255
CMYK	0.35, 0.87, 0.00, 0.13
HSL	276°, 76%, 50%
HSV	276°, 87%, 87%
XYZ	25.6376, 12.3673, 70.8479
YIQ	86.6860, 7.1830, 84.6150

# Conversions

## Conversions Part 2

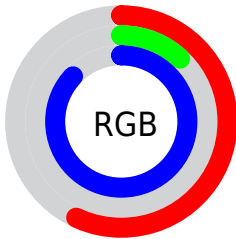
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	146, 30, 223
Decimal	9576159
CIE <sub>Lab</sub>	41.79, 73.95, -73.66
CIE <sub>LCh</sub>	42, 104.377, 315.110
Yxy	12.3673, 0.2355, 0.1136
Android (android.graphics.Color)	4287766239 (0xFF921EDF)
YUV	86.6860, 67.2028, 52.0184
Hunter-Lab	35.1671, 68.5881, -94.8291

# Details

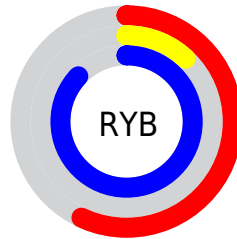
The Hex color **921EDF** is a dark color, and the websafe version is hex **9900CC**. The color can be described as dark washed purple. A complement of this color would be **6BDF1E**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **CE5EFF**, and **5600A6** is the 20% darker color. If you saturate the color by 10%, you get **8908DF**, and if you desaturate by 10%, it is **9B34DF**.

# Distribution



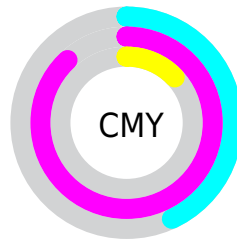
- Red (57%)
- Green (12%)
- Blue (87%)



- Red (57%)
- Yellow (12%)
- Blue (87%)



- Cyan (35%)
- Magenta (87%)
- Yellow (0%)
- Black (13%)



- Cyan (43%)
- Magenta (88%)
- Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 921EDF 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 921EDF by changing the saturation by 10% instead.



 921EDF

 921EDF

FFFFFF

 7400C2

 CE5EFF

 5600A6

 EC7AFF

 35008B

 FF97FF

 0D0071

 FFB3FF

 000057

 FFD0FF

 00063F

 FFEEFF

 000328

 000111

 000000

■ 921EDF

■ 921EDF

■ 8908DF

■ 9B34DF

■ 8600DF

■ A44BDF

■ AD61DF

■ B677DF

■ BE8DDF

■ C7A4DF

■ D0BADF

■ D9D0DF

■ E2E7DF

# Harmonies

## Analogous

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



0062FF



921EDF



DE0091

# Triad

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



921EDF



9B4F00



00818E

# Complementary

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



921EDF



6BDF1E

# 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.



007E32



921EDF



4F6D00

# Square

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



921EDF



D10000



007900



0082DE

# Rectangle

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



921EDF



ED0059



007900



008070



# Sweetspot

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



921EDF



E5BDFE



1E6BDF



705880



000000



808080



# Same Dimension

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



921EDF



9900FF



DF1ECC



6C6570



6A00B0



1D0030



# Inverse Universe

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



DF1E6B



FF0066



1EDF31



706569



B00046

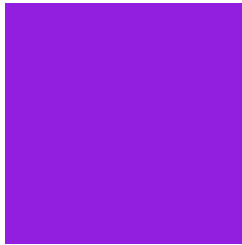


300013



# Previews

## White Background



This preview shows how the Hex color 921EDF 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

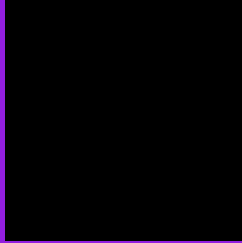
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 921EDF Background



This preview shows how black text looks on a background with the Hex color 921EDF.

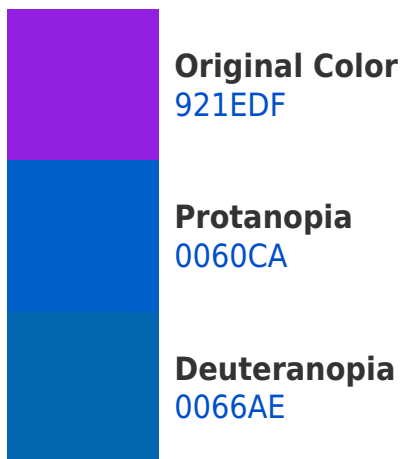



This preview shows how white text looks on a background with the Hex color 921EDF.

# 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**  
7A5A61

# Trichromacy



**Original Color**  
921EDF



**Protanomaly**  
3548D2



**Deuteranomaly**  
354CC0



**Tritanomaly**  
83448F

# Monochromacy



**Original Color**  
921EDF



**Achromatopsia**  
575757



**Achromatomaly**  
6C4288

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 921EDF 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 #921EDF looks like.

```
.text, #text, p{  
    color:#921EDF  
}
```

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 #921EDF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #921EDF
}
```

## Border

The CSS property to change the border of an element to Hex 921EDF is called "border". The border property can be set on classes, ids or directly on the HTML element.

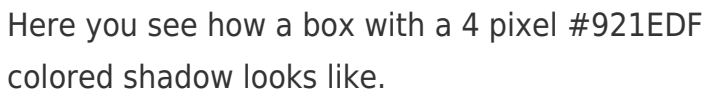
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#921EDF }
```

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

```
.border{ border-color:#921EDF }
```

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



Here you see how a box with a 4 pixel #921EDF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #921EDF; -webkit-box-shadow:4px 4px  
4px 4px #921EDF; box-shadow:4px 4px 4px  
4px #921EDF }
```

# Background

The CSS property to change the background color of an element to Hex 921EDF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#921EDF }
```

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

```
.background{ background-color:#921EDF }
```

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**