

# Converting Colors

Hex(951EDF)

Have a look what the booklet for  
Hex(951EDF) contains.

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**Color**

**Hex(951EDF)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	951EDF
RGB	149, 30, 223
RGB Percent	58%, 12%, 87%
CMY	0.4157, 0.8824, 0.1255
CMYK	0.33, 0.87, 0.00, 0.13
HSL	277°, 76%, 50%
HSV	277°, 87%, 87%
XYZ	26.1780, 12.6458, 70.8732
YIQ	87.5830, 8.9710, 85.2510

# Conversions

## Conversions Part 2

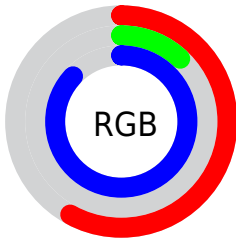
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	149, 30, 223
Decimal	9772767
CIE Lab	42.22, 74.35, -72.94
CIE LCh	42, 104.152, 315.546
Yxy	12.6458, 0.2386, 0.1153
Android (android.graphics.Color)	4287962847 (0xFF951EDF)
YUV	87.5830, 66.7606, 53.8627
Hunter-Lab	35.5610, 69.1700, -93.2726

# Details

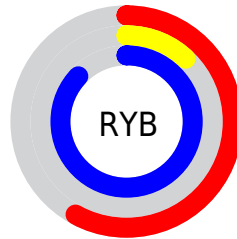
The Hex color **951EDF** is a dark color, and the websafe version is hex **9900CC**. The color can be described as dark washed purple. A complement of this color would be **68DF1E**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **D15EFF**, and **5900A6** is the 20% darker color. If you saturate the color by 10%, you get **8C08DF**, and if you desaturate by 10%, it is **9E34DF**.

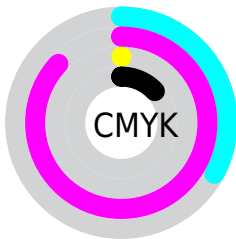
# Distribution



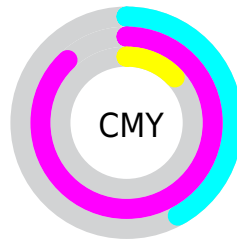
- Red (58%)
- Green (12%)
- Blue (87%)



- Red (58%)
- Yellow (12%)
- Blue (87%)



- Cyan (33%)
- Magenta (87%)
- Yellow (0%)
- Black (13%)



- Cyan (42%)
- Magenta (88%)
- Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 951EDF 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 951EDF by changing the saturation by 10% instead.



 951EDF

 951EDF

FFFFFF

 7700C2

 D15EFF

 5900A6

 EF7BFF

 39008B

 FF97FF

 140071

 FFB4FF

 000057

 FFD1FF

 00063F

 FFEFFF

 000328

 000111

 000000

■ 951EDF

■ 951EDF

■ 8C08DF

■ 9E34DF

■ 8900DF

■ A64BDF

■ AF61DF

■ B777DF

■ C08DDF

■ C8A4DF

■ D1BADF

■ D9D0DF

■ E2E7DF

# Harmonies

## Analogous

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



0062FF



951EDF



E00091

# Triad

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



951EDF



9B5000



008290

# Complementary

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



951EDF



68DF1E

# 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.



008034



951EDF



4F6E00

# Square

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



951EDF



D20000



007B00



0083E0

# Rectangle

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



951EDF



EE0059



007B00



008172



# Sweetspot

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



951EDF



E6BDFE



1E6BDF



705880



000000



808080



# Same Dimension

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



951EDF



9D00FF



DF1ECC



6C6570



6C00B0



1E0030



# Inverse Universe

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



DF1E68



FF0062



1EDF31



706569



B00043

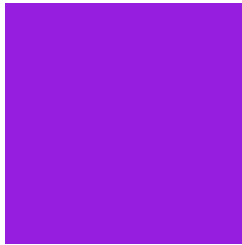


300013



# Previews

## White Background



This preview shows how the Hex color 951EDF 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

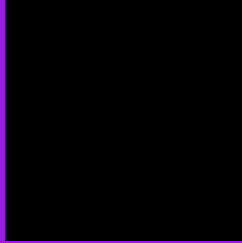
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 951EDF Background



This preview shows how black text looks on a background with the Hex color 951EDF.

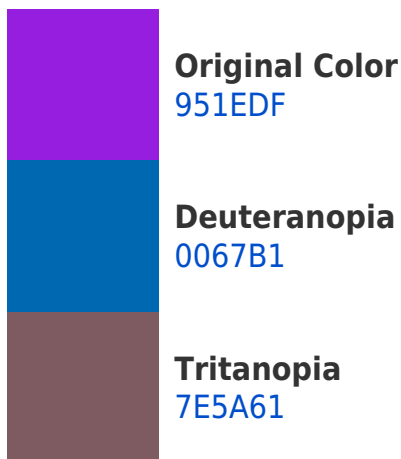


This preview shows how white text looks on a background with the Hex color 951EDF.

# 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



# Trichromacy



**Original Color**  
951EDF



**Deuteranomaly**  
364CC2

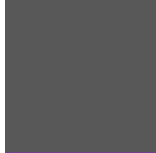


**Tritanomaly**  
86448F

# Monochromacy



**Original Color**  
951EDF



**Achromatopsia**  
585858



**Achromatomaly**  
6E4389

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 951EDF 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 #951EDF looks like.

```
.text, #text, p{  
    color:#951EDF  
}
```

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 #951EDF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #951EDF
}
```

## Border

The CSS property to change the border of an element to Hex 951EDF 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
#951EDF }
```

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

```
.border{ border-color:#951EDF }
```

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

Here you see how a box with a 4 pixel #951EDF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #951EDF; -webkit-box-shadow:4px 4px  
4px 4px #951EDF; box-shadow:4px 4px 4px  
4px #951EDF }
```

# Background

The CSS property to change the background color of an element to Hex 951EDF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#951EDF }
```

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

```
.background{ background-color:#951EDF }
```

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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