

# Converting Colors

Hex(951ECD)

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

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**Color**

**Hex(951ECD)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	951ECD
RGB	149, 30, 205
RGB Percent	58%, 12%, 80%
CMY	0.4157, 0.8824, 0.1961
CMYK	0.27, 0.85, 0.00, 0.20
HSL	281°, 74%, 46%
HSV	281°, 85%, 80%
XYZ	23.8781, 11.7259, 58.7624
YIQ	85.5310, 14.7490, 79.6530

# Conversions

## Conversions Part 2

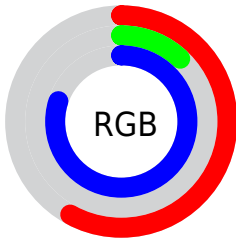
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	149, 30, 205
Decimal	9772749
CIE <sub>Lab</sub>	40.78, 70.76, -64.94
CIE <sub>LCh</sub>	41, 96.047, 317.457
Yxy	11.7259, 0.2530, 0.1243
Android (android.graphics.Color)	4287962829 (0xFF951ECD)
YUV	85.5310, 58.8982, 55.6623
Hunter-Lab	34.2431, 64.5450, -77.7737

# Details

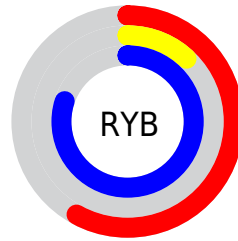
The Hex color **951ECD** is a dark color, and the websafe version is hex **9900CC**. The color can be described as dark washed purple. A complement of this color would be **56CD1E**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **D05DFF**, and **5B0096** is the 20% darker color. If you saturate the color by 10%, you get **8E0ACD**, and if you desaturate by 10%, it is **9C33CD**.

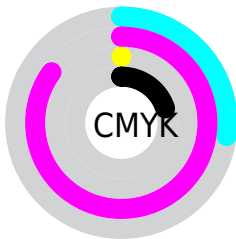
# Distribution



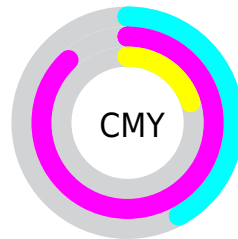
- Red (58%)
- Green (12%)
- Blue (80%)



- Red (58%)
- Yellow (12%)
- Blue (80%)



- Cyan (27%)
- Magenta (85%)
- Yellow (0%)
- Black (20%)



- Cyan (42%)
- Magenta (88%)
- Yellow (20%)

# Brightness & Saturation Gradients

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



 951ECD

 951ECD

FFFFFF

 7800B1

 D05DFF

 5B0096

 EE79FF

 3D007B

 FF96FF

 200061

 FFB2FF

 000048

 FFCFFF

 000430

 FFEEDF

 00011B

 000000

 951ECD

 951ECD

8E0ACD

9C33CD

8B00CD

A247CD

A95CCD

AF70CD

B685CD

BC99CD

C3AECD

C9C2CD

D0D7CD

# Harmonies

## Analogous

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



005CFB



951ECD



D40085

# Triad

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



951ECD



915100



007D8E

# Complementary

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



951ECD



56CD1E

# 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.



007B3B



951ECD



4A6B00

# Square

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



951ECD



C40400



007600



007DD5

# Rectangle

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



951ECD



E00051



007600



007C73



# Sweetspot

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



951ECD



EABDFF



1E58CD



735880



000000



808080



# Same Dimension

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



951ECD



AD00FF



CD1EB0



635C66



7100A6



1A0026



# Inverse Universe

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



CD1E56



FF0052



1ECD3B



665C5F



A60035

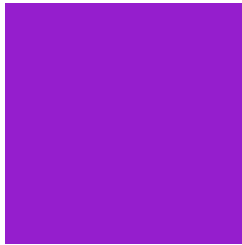


26000C



# Previews

## White Background



This preview shows how the Hex color 951ECD looks on a white background.

## Color Contrast Check

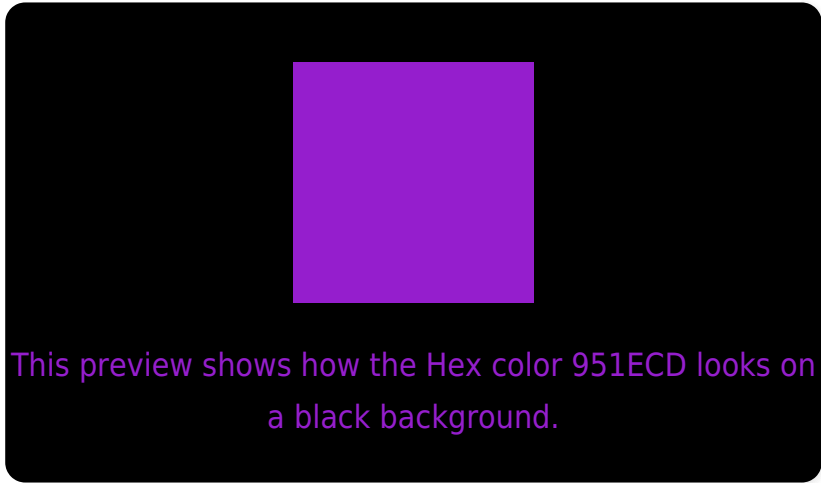
Large Text (above 18pt) WCAG AA ✓ Pass

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

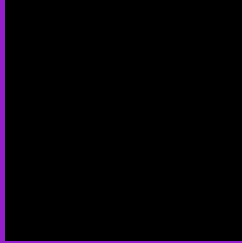
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 951ECD Background



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

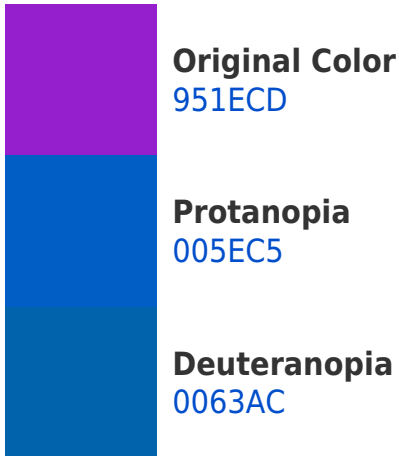



This preview shows how white text looks on a background with the Hex color 951ECD.

# 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](#).

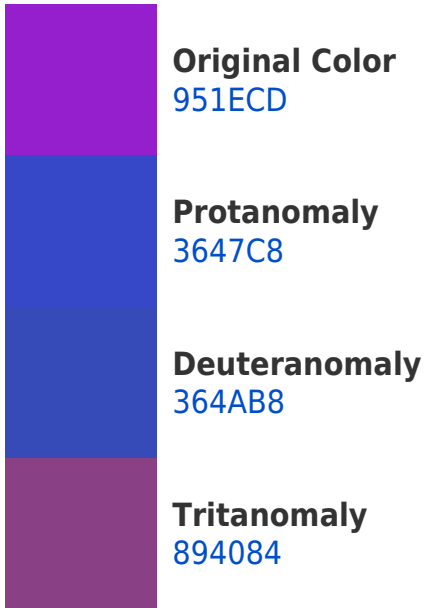
## Dichromacy





**Tritanopia**  
82545A

# Trichromacy



# Monochromacy



# CSS Examples

## Text

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

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

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 #951ECD colored shadow looks like.

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

## Border

The CSS property to change the border of an element to Hex 951ECD 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".

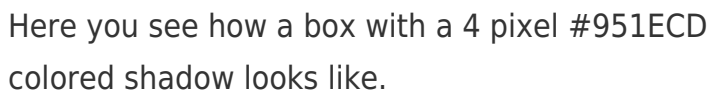
```
.border, #border, table{ border:4px solid
#951ECD }
```

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

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

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

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

A rectangular box with a purple border and a purple shadow. The box is white with a thin purple border on the top and left sides, and a thicker purple shadow on the bottom and right sides.

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

# Background

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

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

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

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

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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