

# Converting Colors

Hex(9957F2)

Have a look what the booklet for  
Hex(9957F2) contains.

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**Color**

**Hex(9957F2)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9957F2
RGB	153, 87, 242
RGB Percent	60%, 34%, 95%
CMY	0.4000, 0.6588, 0.0510
CMYK	0.37, 0.64, 0.00, 0.05
HSL	266°, 86%, 65%
HSV	266°, 64%, 95%
XYZ	32.5721, 19.9995, 86.1480
YIQ	124.4040, -10.4190, 62.1970

# Conversions

## Conversions Part 2

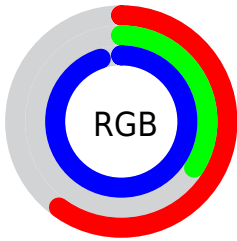
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	153, 87, 242
Decimal	10049522
CIE <sub>Lab</sub>	51.84, 57.50, -68.02
CIE <sub>LCh</sub>	52, 89.065, 310.207
Yxy	19.9995, 0.2348, 0.1442
Android (android.graphics.Color)	4288239602 (0xFF9957F2)
YUV	124.4040, 57.9748, 25.0787
Hunter-Lab	44.7208, 51.7478, -82.9088

# Details

The Hex color **9957F2** is a light color, and the websafe version is hex **9966FF**. The color can be described as light muted purple. A complement of this color would be **B0F257**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **D48CFF**, and **5E22B9** is the 20% darker color. If you saturate the color by 10%, you get **8B3FF2**, and if you desaturate by 10%, it is **A76FF2**.

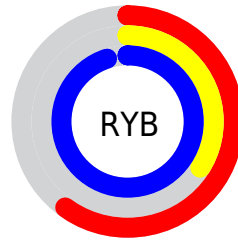
# Distribution



Red (60%)

Green (34%)

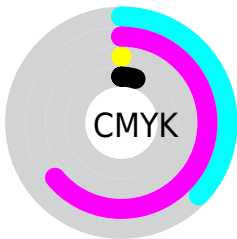
Blue (95%)



Red (60%)

Yellow (34%)

Blue (95%)

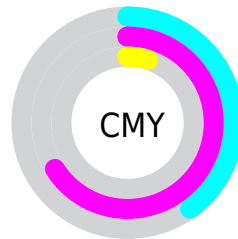


Cyan (37%)

Magenta (64%)

Yellow (0%)

Black (5%)



Cyan (40%)

Magenta (66%)

Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9957F2 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 9957F2 by changing the saturation by 10% instead.



 9957F2

 9957F2

FFFFFF

 7C3DD5

 D48CFF

 5E22B9

 F2A8FF

 40009D

 FFC4FF

 1A0082

 FFE0FF

 000068

 FFFDFF

 00004F

 000537

 000221

 000005

9957F2

9957F2

8B3FF2

A76FF2

7D27F2

B587F2

6F0EF2

C3A0F2

6700F2

D1B8F2

DED0F2

ECE8F2

FAFFF2

FFFFF2

# Harmonies

## Analogous

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



007EFF



9957F2



E603B1

# Triad

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



9957F2



BE6400



009A95

# Complementary

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



9957F2



B0F257

# 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.



009844



9957F2



7F8100

# Square

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



9957F2



EB3218



0D9000



009ADE

# Rectangle

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



9957F2



FA007F



0D9000



009A7A



# Sweetspot

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



9957F2



E3CFFF



57B1F2



6F6280



000000



808080



# Same Dimension

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



9957F2



8E3BFF



E557F2



716C78



4E00B8



180038



# Inverse Universe

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



F257B0



FF3BAB



64F257



786C73



B80069

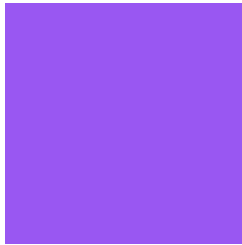


380020



# Previews

## White Background



This preview shows how the Hex color 9957F2 looks on a white 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

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

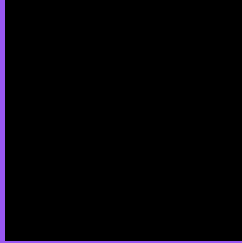
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 9957F2 Background



This preview shows how black text looks on a background with the Hex color 9957F2.

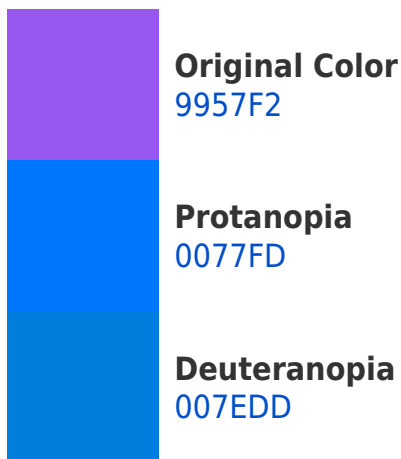


This preview shows how white text looks on a background with the Hex color 9957F2.

# 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](#).

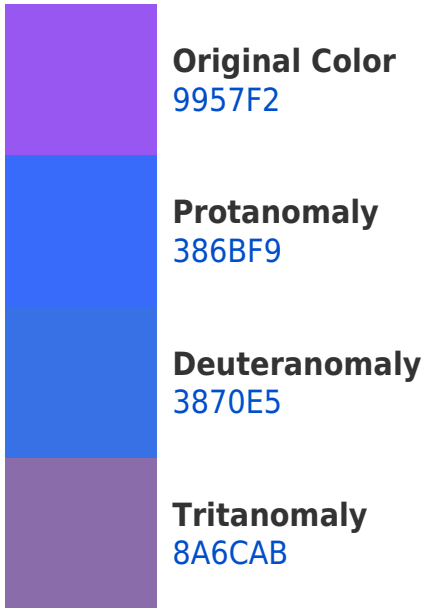
## Dichromacy



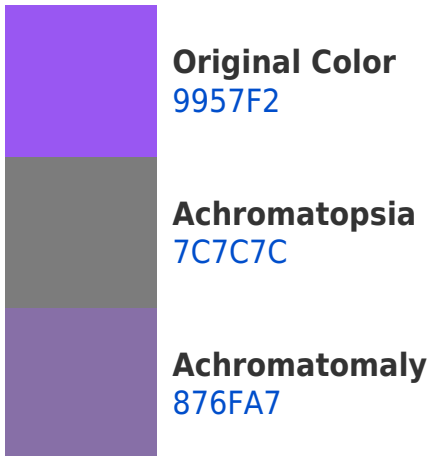


**Tritanopia**  
827882

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9957F2 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 #9957F2 looks like.

```
.text, #text, p{  
    color:#9957F2  
}
```

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 #9957F2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9957F2
}
```

## Border

The CSS property to change the border of an element to Hex 9957F2 is called "border". The border property can be set on classes, ids or directly on the HTML element.

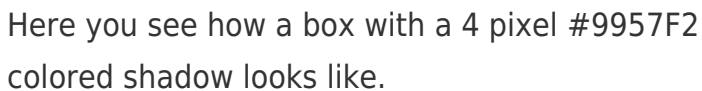
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9957F2 }
```

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

```
.border{ border-color:#9957F2 }
```

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



Here you see how a box with a 4 pixel #9957F2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9957F2; -webkit-box-shadow:4px 4px  
4px 4px #9957F2; box-shadow:4px 4px 4px  
4px #9957F2 }
```

# Background

The CSS property to change the background color of an element to Hex 9957F2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9957F2 }
```

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

```
.background{ background-color:#9957F2 }
```

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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