

# Converting Colors

Hex(9500F0)

Have a look what the booklet for  
Hex(9500F0) contains.

<b>Hex(9500F0)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(9500F0)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9500F0
RGB	149, 0, 240
RGB Percent	58%, 0%, 94%
CMY	0.4157, 1.0000, 0.0588
CMYK	0.38, 1.00, 0.00, 0.06
HSL	277°, 100%, 47%
HSV	277°, 100%, 94%
XYZ	28.1226, 12.6808, 83.4035
YIQ	71.9110, 11.7640, 106.2280

# Conversions

## Conversions Part 2

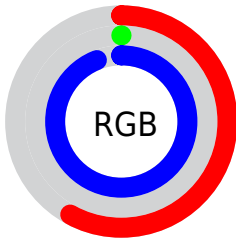
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	149, 0, 240
Decimal	9765104
CIE <sub>Lab</sub>	42.28, 81.98, -82.51
CIE <sub>LCh</sub>	42, 116.314, 314.813
Yxy	12.6808, 0.2264, 0.1021
Android (android.graphics.Color)	4287955184 (0xFF9500F0)
YUV	71.9110, 82.8679, 67.6071
Hunter-Lab	35.6102, 78.6500, -113.9376

# Details

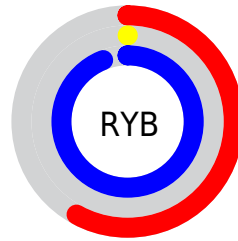
The Hex color **9500F0** is a dark color, and the websafe version is hex **9900FF**. The color can be described as middle saturated purple. A complement of this color would be **5BF000**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **D255FF**, and **5600B6** is the 20% darker color. If you saturate the color by 10%, you get **9500F0**, and if you desaturate by 10%, it is **9E18F0**.

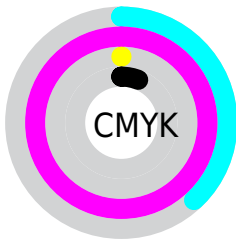
# Distribution



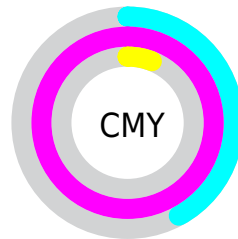
- Red (58%)
- Green (0%)
- Blue (94%)



- Red (58%)
- Yellow (0%)
- Blue (94%)



- Cyan (38%)
- Magenta (100%)
- Yellow (0%)
- Black (6%)



- Cyan (42%)
- Magenta (100%)
- Yellow (6%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9500F0 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 9500F0 by changing the saturation by 10% instead.



 9500F0

 9500F0

FFFFFF

 7600D3

 D255FF

 5600B6

 F173FF

 33009B

 FF90FF

 000080

 FFADFF

 000065


 FFCBFF

 00054C

 FFE8FF

 000534

 00021E

 000001

 9500F0

 9E18F0

 A730F0

 B048F0

 B960F0

 C378F0

 CC90F0

 D5A8F0

 DEC0F0

 E7D8F0

# Harmonies

## Analogous

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



0065FF



9500F0



EC0099

# Triad

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



9500F0



A14C00



008493

# Complementary

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



9500F0



5BF000

# 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.



00812B



9500F0



4C6F00

# Square

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



9500F0



DD0000



007C00



0086ED

# Rectangle

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



9500F0



FC005A



007C00



008372



# Sweetspot

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



9500F0



E2B3FF



005CF0



6E5280



000000



808080



# Same Dimension

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



9500F0



9E00FF



F000D4



736C78



7200B8



230038



# Inverse Universe

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



F0005B



FF0061



00F01C



786C70



B80046



380015



# Previews

## White Background



This preview shows how the Hex color 9500F0 looks on a white background.

## Color Contrast Check

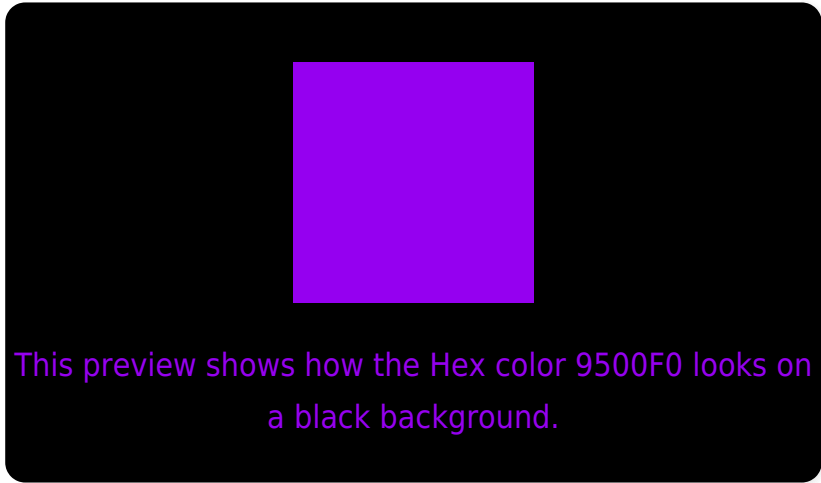
Large Text (above 18pt) WCAG AA ✓ Pass

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

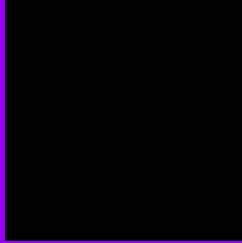
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 9500F0 Background



This preview shows how black text looks on a background with the Hex color 9500F0.




This preview shows how white text looks on a background with the Hex color 9500F0.

# 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**  
795E65

# Trichromacy



**Original Color**  
9500F0



**Protanomaly**  
363EDA



**Deuteranomaly**  
3642C8



**Tritanomaly**  
833C98

# Monochromacy



**Original Color**  
9500F0



**Achromatopsia**  
484848



**Achromatomaly**  
642E85

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9500F0 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 #9500F0 looks like.

```
.text, #text, p{  
    color:#9500F0  
}
```

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 #9500F0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9500F0
}
```

## Border

The CSS property to change the border of an element to Hex 9500F0 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".

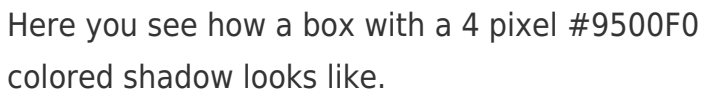
```
.border, #border, table{ border:4px solid
#9500F0 }
```

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

```
.border{ border-color:#9500F0 }
```

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

Here you see how a box with a 4 pixel #9500F0 colored shadow looks like.

A rectangular box with a thick purple border and a purple shadow. The box is white with a purple border and a purple shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9500F0; -webkit-box-shadow:4px 4px  
4px 4px #9500F0; box-shadow:4px 4px 4px  
4px #9500F0 }
```

# Background

The CSS property to change the background color of an element to Hex 9500F0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9500F0 }
```

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

```
.background{ background-color:#9500F0 }
```

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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