

# Converting Colors

Hex(9574FF)

Have a look what the booklet for  
Hex(9574FF) contains.

<b>Hex(9574FF)</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(9574FF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9574FF
RGB	149, 116, 255
RGB Percent	58%, 45%, 100%
CMY	0.4157, 0.5451, 0.0000
CMYK	0.42, 0.55, 0.00, 0.00
HSL	254°, 100%, 73%
HSV	254°, 55%, 100%
XYZ	36.6898, 26.1003, 97.7118
YIQ	141.7130, -24.9510, 50.2250

# Conversions

## Conversions Part 2

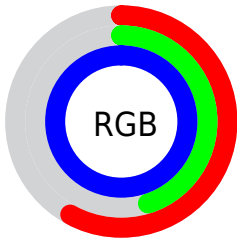
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">149, 116, 255</a>
Decimal	<a href="#">9794815</a>
CIELab	<a href="#">58.13, 44.52, -65.10</a>
CIElCh	<a href="#">58, 78.868, 304.371</a>
Yxy	<a href="#">26.1003, 0.2286, 0.1626</a>
Android (android.graphics.Color)	<a href="#">4287984895 (0xFF9574FF)</a>
YUV	<a href="#">141.7130, 55.8505, 6.3907</a>
Hunter-Lab	<a href="#">51.0885, 38.7871, -77.6361</a>

# Details

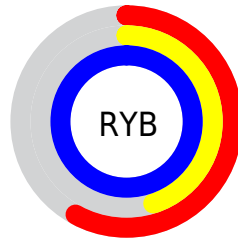
The Hex color **9574FF** is a light color, and the websafe version is hex **9966FF**. A complement of this color would be **DEFF74**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **D0A9FF**, and **5A42C5** is the 20% darker color. If you saturate the color by 10%, you get **825AFF**, and if you desaturate by 10%, it is **A88EFF**.

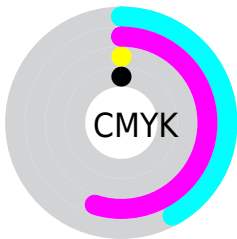
# Distribution



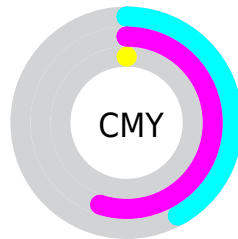
- Red (58%)
- Green (45%)
- Blue (100%)



- Red (58%)
- Yellow (45%)
- Blue (100%)



- Cyan (42%)
- Magenta (55%)
- Yellow (0%)
- Black (0%)



- Cyan (42%)
- Magenta (55%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9574FF 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 9574FF by changing the saturation by 10% instead.



 9574FF

 9574FF

FFFFFF

 785BE2

 D0A9FF

 5A42C5

 EEC4FF

 3B2BA9

 FFE1FF

 10138E

FFFEFF

 000074

 00005B

 000742

 00032B

 000115

 9574FF

 9574FF

 825AFF

 A88EFF

 6E41FF

 BCA7FF

 5B27FF

 CFC1FF

 470EFF

 E3DAFF

 3D00FF

 F6F3FF

FFFFFF

# Harmonies

## Analogous

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



0091FF



9574FF



E44DC9

# Triad

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



9574FF



D77100



00AA94

# Complementary

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



9574FF



DEFF74

# 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.



00A64C



9574FF



A08C00

# Square

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



9574FF



FB4D42



579D00



00A9D8

# Rectangle

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



9574FF



FD389C



579D00



00A97C



# Sweetspot

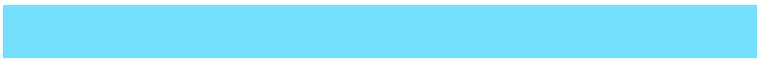
The Sweet Spot groups the original color and five complimentary colors.



9574FF



E0D6FF



74DFFF



6D6780



000000



808080



# Same Dimension

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



9574FF



8159FF



DA74FF



767380



2D00BF



0F0040



# Inverse Universe

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



FF74DE



FF59D8



99FF74



80737C



BF0092

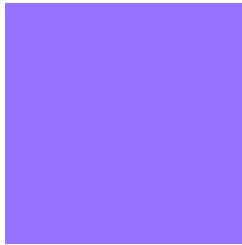


400031



# Previews

## White Background



This preview shows how the Hex color 9574FF 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 9574FF Background



This preview shows how black text looks on a background with the Hex color 9574FF.



This preview shows how white text looks on a background with the Hex color 9574FF.

# 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**  
7D8E99

# Trichromacy



**Original Color**  
9574FF



**Protanomaly**  
6881FF



**Deuteranomaly**  
4B85FB



**Tritanomaly**  
8685BE

# Monochromacy



**Original Color**  
9574FF



**Achromatopsia**  
8E8E8E



**Achromatomaly**  
9185B7

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9574FF 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 #9574FF looks like.

```
.text, #text, p{  
    color:#9574FF  
}
```

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 #9574FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9574FF
}
```

## Border

The CSS property to change the border of an element to Hex 9574FF 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".

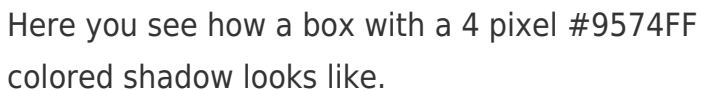
```
.border, #border, table{ border:4px solid
#9574FF }
```

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

```
.border{ border-color:#9574FF }
```

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

Here you see how a box with a 4 pixel #9574FF 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, bottom, and left sides. The right side of the box is open, and a purple shadow is cast to the right of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9574FF; -webkit-box-shadow:4px 4px  
4px 4px #9574FF; box-shadow:4px 4px 4px  
4px #9574FF }
```

# Background

The CSS property to change the background color of an element to Hex 9574FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9574FF }
```

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

```
.background{ background-color:#9574FF }
```

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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