

Converting Colors

Hex(9764F5)

Have a look what the booklet for
Hex(9764F5) contains.

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Color

Hex(9764F5)

Conversions

Conversions Part 1

Format	Color
Hex	9764F5
RGB	151, 100, 245
RGB Percent	59%, 39%, 96%
CMY	0.4078, 0.6078, 0.0392
CMYK	0.38, 0.59, 0.00, 0.04
HSL	261°, 88%, 68%
HSV	261°, 59%, 96%
XYZ	33.8011, 22.2862, 88.9064
YIQ	131.7790, -16.1490, 55.9070

Conversions

Conversions Part 2

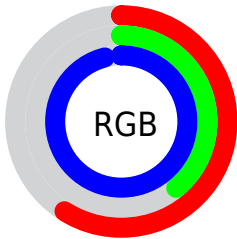
Format	Color
R _Y B	151, 100, 245
Decimal	9921781
CIE Lab	54.33, 51.10, -65.68
CIE LCh	54, 83.213, 307.884
Yxy	22.2862, 0.2331, 0.1537
Android (android.graphics.Color)	4288111861 (0xFF9764F5)
YUV	131.7790, 55.8180, 16.8568
Hunter-Lab	47.2083, 45.1914, -78.6138

Details

The Hex color **9764F5** is a light color, and the websafe version is hex **9966FF**. A complement of this color would be **C2F564**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **D299FF**, and **5D32BC** is the 20% darker color. If you saturate the color by 10%, you get **874CF5**, and if you desaturate by 10%, it is **A77DF5**.

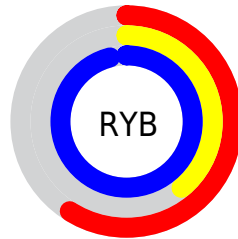
Distribution



Red (59%)

Green (39%)

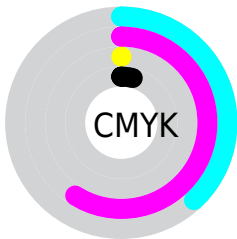
Blue (96%)



Red (59%)

Yellow (39%)

Blue (96%)

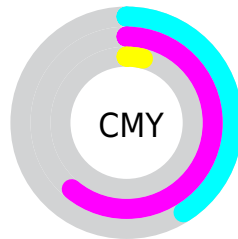


Cyan (38%)

Magenta (59%)

Yellow (0%)

Black (4%)



Cyan (41%)

Magenta (61%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9764F5 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 9764F5 by changing the saturation by 10% instead.

 9764F5

 9764F5

FFFFFF

 7A4BD8

 D299FF

 5D32BC

 F0B4FF

 3E18A0

 FFD0FF

 180085

 FFEDFF

 00006B

 000052

 00053A

 000223

 00000A


 9764F5

 9764F5

 874CF5

 A77DF5

 7733F5

 B795F5

 671AF5

 C7AEF5

 5702F5

 D7C6F5

 5600F5

 E6DFF5

 F6F7F5

 FFFFF5

Harmonies

Analogous

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



0086FF



9764F5



E333BA

Triad

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



9764F5



C76A00



00A094

Complementary

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



9764F5



C2F564

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.



009D48



9764F5



8D8500

Square

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



9764F5



F03F2C



399500



009FD9

Rectangle

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



9764F5



F90D8A



399500



009F7B

Sweetspot

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



9764F5



E1D1FF



64C2F5



6D6380



000000



808080

Same Dimension

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



9764F5



8A4AFF



DF64F5



726E7A



4100BA



15003B

Inverse Universe

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



F564C2



FF4ABF



7AF564



7A6E76



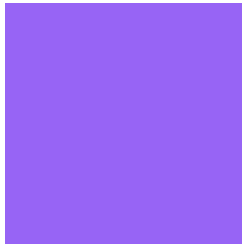
BA0079



3B0026

Previews

White Background



This preview shows how the Hex color 9764F5 looks on a white background.

Color Contrast Check

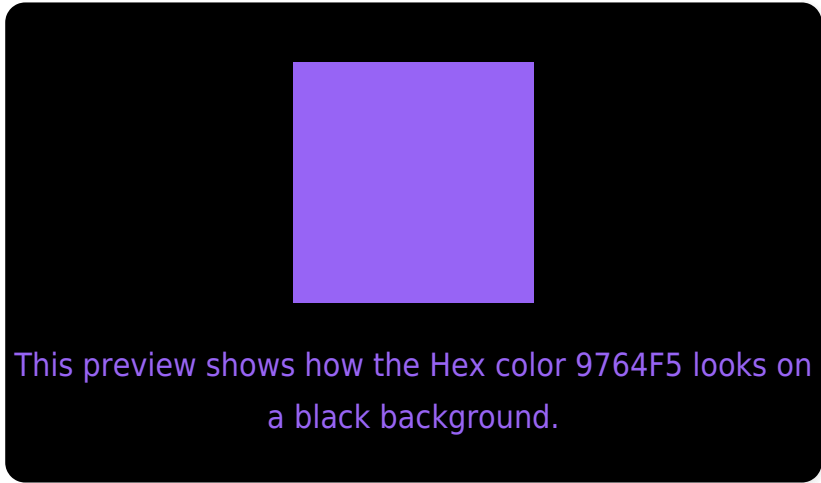
Large Text (above 18pt) WCAG AA ✓ Pass

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

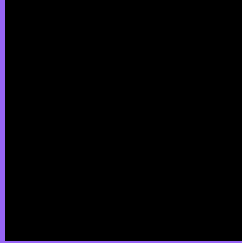
Any Text WCAG AA ✓ Pass

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 9764F5 Background



This preview shows how black text looks on a background with the Hex color 9764F5.

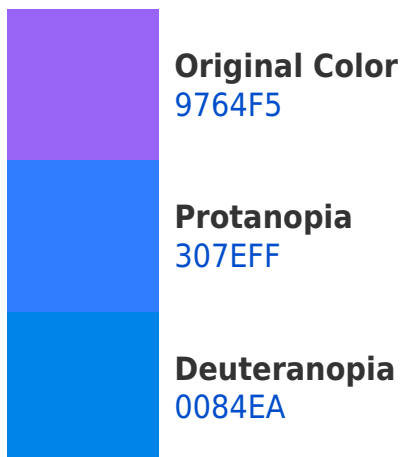


This preview shows how white text looks on a background with the Hex color 9764F5.

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
80818B

Trichromacy



Original Color
9764F5



Protanomaly
5575FB



Deuteranomaly
3778EE



Tritanomaly
8876B2

Monochromacy



Original Color
9764F5



Achromatopsia
848484



Achromatomaly
8B78AD

CSS Examples

Text

The CSS property to change the color of the text to Hex 9764F5 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 #9764F5 looks like.

```
.text, #text, p{  
    color:#9764F5  
}
```

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 #9764F5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9764F5
}
```

Border

The CSS property to change the border of an element to Hex 9764F5 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
#9764F5 }
```

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

```
.border{ border-color:#9764F5 }
```

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

Here you see how a box with a 4 pixel #9764F5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9764F5; -webkit-box-shadow:4px 4px  
4px 4px #9764F5; box-shadow:4px 4px 4px  
4px #9764F5 }
```

Background

The CSS property to change the background color of an element to Hex 9764F5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9764F5 }
```

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

```
.background{ background-color:#9764F5 }
```

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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