

Converting Colors

Hex(9367FF)

Have a look what the booklet for
Hex(9367FF) contains.

Hex(9367FF)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(9367FF)

Conversions

Conversions Part 1

Format	Color
Hex	9367FF
RGB	147, 103, 255
RGB Percent	58%, 40%, 100%
CMY	0.4235, 0.5961, 0.0000
CMYK	0.42, 0.60, 0.00, 0.00
HSL	257°, 100%, 70%
HSV	257°, 60%, 100%
XYZ	34.9329, 23.1235, 97.2299
YIQ	133.4840, -22.5680, 56.6000

Conversions

Conversions Part 2

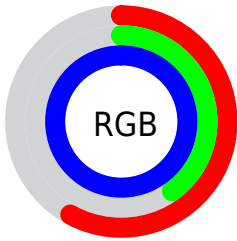
Format	Color
R _Y B	147, 103, 255
Decimal	9660415
CIE _{Lab}	55.20, 51.26, -69.84
CIE _{LCh}	55, 86.629, 306.278
Y _{xy}	23.1235, 0.2250, 0.1489
Android (android.graphics.Color)	4287850495 (0xFF9367FF)
Y _{UV}	133.4840, 59.9074, 11.8535
Hunter-Lab	48.0869, 45.5196, -86.2211

Details

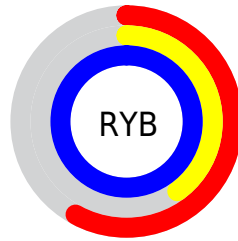
The Hex color **9367FF** is a light color, and the websafe version is hex **9966FF**. A complement of this color would be **D3FF67**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **CE9CFF**, and **5735C5** is the 20% darker color. If you saturate the color by 10%, you get **814EFF**, and if you desaturate by 10%, it is **A581FF**.

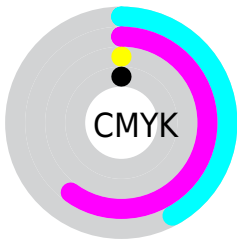
Distribution



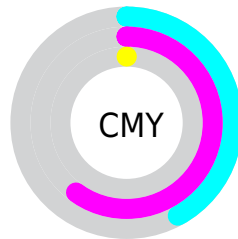
- Red (58%)
- Green (40%)
- Blue (100%)



- Red (58%)
- Yellow (40%)
- Blue (100%)



- Cyan (42%)
- Magenta (60%)
- Yellow (0%)
- Black (0%)



- Cyan (42%)
- Magenta (60%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9367FF 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 9367FF by changing the saturation by 10% instead.

 9367FF

 9367FF

FFFFFF

 754EE2

 CE9CFF

 5735C5

 EDB7FF

 361CA9

 FFD3FF

 00008E

 FFF0FF

 000074

 00005A

 000741

 00032A

 000115

■ 9367FF

■ 9367FF

■ 814EFF

■ A581FF

■ 6F34FF

■ B79AFF

■ 5D1AFF

■ C9B3FF

■ 4B01FF

■ DBCDFF

■ 4A00FF

■ EEE7FF

FFFFFF

Harmonies

Analogous

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



0089FF



9367FF



E732C2

Triad

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



9367FF



CF6900



00A393

Complementary

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



9367FF



D3FF67

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.



00A043



9367FF



938600

Square

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



9367FF



F83A2F



3D9700



00A3DC

Rectangle

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



9367FF



FF0091



3D9700



00A378

Sweetspot

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



9367FF



DED1FF



67D4FF



6C6380



000000



808080

Same Dimension

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



9367FF



7D47FF



DE67FF



767380



3700BF



120040

Inverse Universe

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



FF67D3



FF47CA



88FF67



80737C



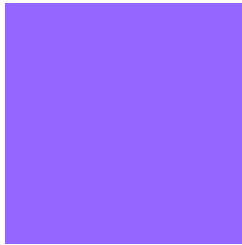
BF0088



40002D

Previews

White Background



This preview shows how the Hex color 9367FF looks on a white background.

Color Contrast Check

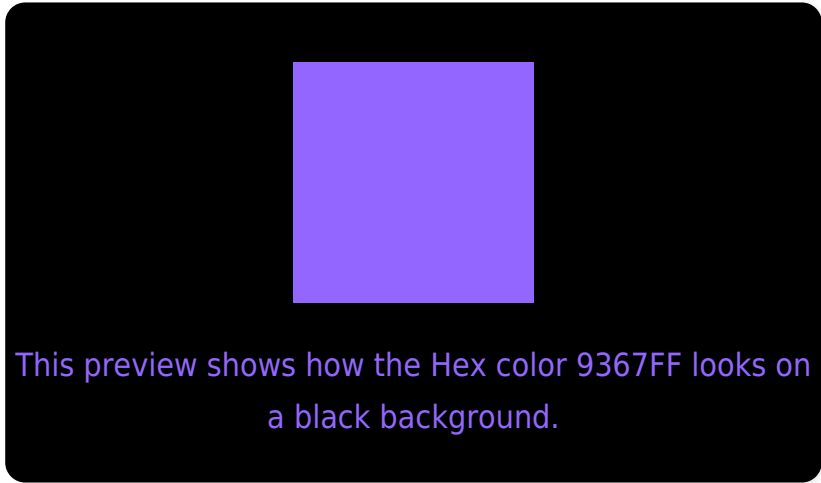
Large Text (above 18pt) WCAG AA ✓ Pass

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 9367FF Background



This preview shows how black text looks on a background with the Hex color 9367FF.

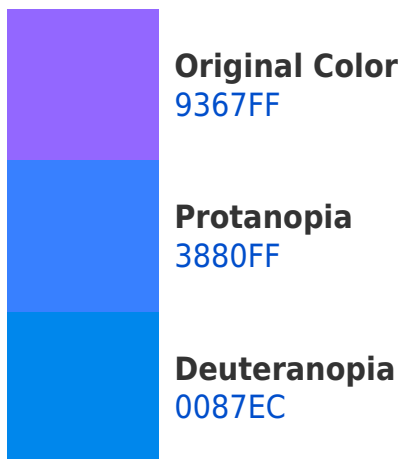


This preview shows how white text looks on a background with the Hex color 9367FF.

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](#).

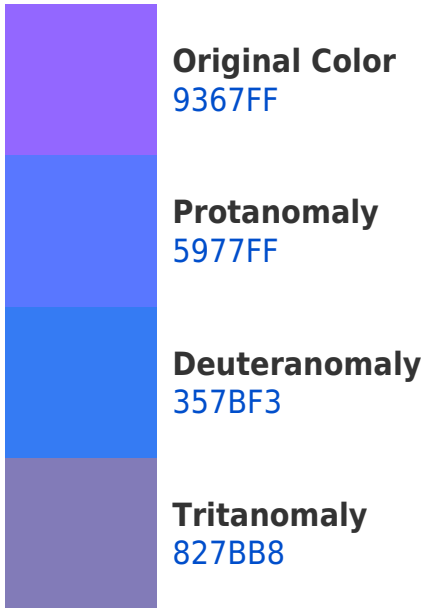
Dichromacy



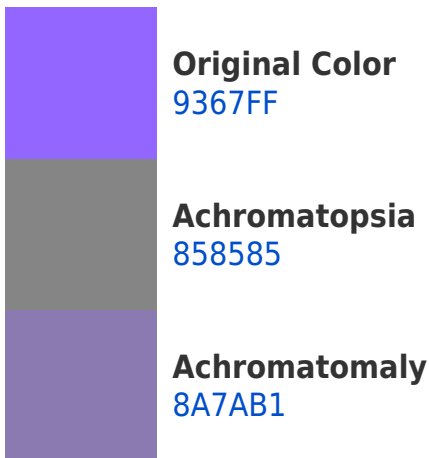


Tritanopia
788690

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9367FF 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 #9367FF looks like.

```
.text, #text, p{  
    color:#9367FF  
}
```

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 #9367FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9367FF  
}
```

Border

The CSS property to change the border of an element to Hex 9367FF is called "border". The border property can be set on classes, ids or directly on the HTML element.

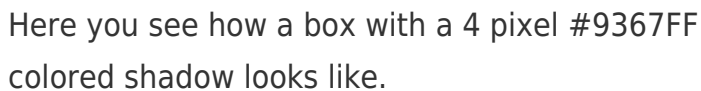
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#9367FF }
```

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

```
.border{ border-color:#9367FF }
```

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



Here you see how a box with a 4 pixel #9367FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9367FF; -webkit-box-shadow:4px 4px  
4px 4px #9367FF; box-shadow:4px 4px 4px  
4px #9367FF }
```

Background

The CSS property to change the background color of an element to Hex 9367FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9367FF }
```

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

```
.background{ background-color:#9367FF }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor