

# Converting Colors

Hex(9A65FF)

Have a look what the booklet for  
Hex(9A65FF) contains.

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# Color

Hex(9A65FF)

# Conversions

## Conversions Part 1

Format	Color
Hex	9A65FF
RGB	154, 101, 255
RGB Percent	60%, 40%, 100%
CMY	0.3961, 0.6039, 0.0000
CMYK	0.40, 0.60, 0.00, 0.00
HSL	261°, 100%, 70%
HSV	261°, 60%, 100%
XYZ	36.0301, 23.3974, 97.2249
YIQ	134.4030, -17.8460, 59.1300

# Conversions

## Conversions Part 2

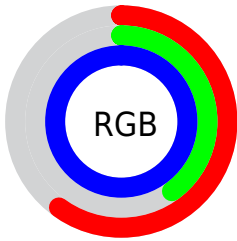
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">154, 101, 255</a>
Decimal	<a href="#">10118655</a>
CIELab	<a href="#">55.48, 53.76, -69.35</a>
CIELCh	<a href="#">55, 87.750, 307.784</a>
Yxy	<a href="#">23.3974, 0.2300, 0.1494</a>
Android (android.graphics.Color)	<a href="#">4288308735 (0xFF9A65FF)</a>
YUV	<a href="#">134.4030, 59.4543, 17.1866</a>
Hunter-Lab	<a href="#">48.3708, 48.3107, -85.3127</a>

# Details

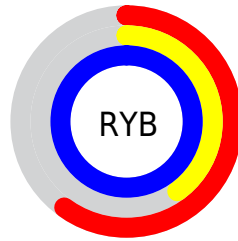
The Hex color **9A65FF** is a light color, and the websafe version is hex **9966FF**. A complement of this color would be **CAFF65**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **D59AFF**, and **5F32C5** is the 20% darker color. If you saturate the color by 10%, you get **894BFF**, and if you desaturate by 10%, it is **AB7EFF**.

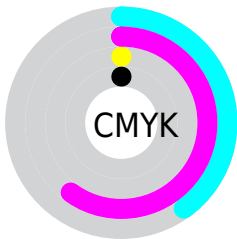
# Distribution



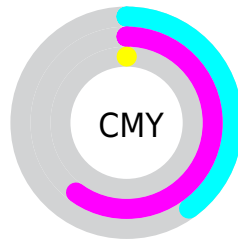
- Red (60%)
- Green (40%)
- Blue (100%)



- Red (60%)
- Yellow (40%)
- Blue (100%)



- Cyan (40%)
- Magenta (60%)
- Yellow (0%)
- Black (0%)



- Cyan (40%)
- Magenta (60%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9A65FF 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 9A65FF by changing the saturation by 10% instead.



 9A65FF

 9A65FF

FFFFFF

 7D4BE2

 D59AFF

 5F32C5

 F4B6FF

 3F18A9

 FFD2FF

 17008E

 FFEEFF

 000074

 00005A

 000741

 00032A

 000115

 9A65FF

 9A65FF

 894BFF

 AB7EFF

 7932FF

 BB98FF

 6818FF

 CCB2FF

 5800FF

 DDCBFF

 EEE4FF

FEFEFF

FFFFFF

# Harmonies

## Analogous

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



0089FF



9A65FF



EC2CC0

# Triad

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



9A65FF



CE6B00



00A498

# Complementary

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



9A65FF



CAFF65

# 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.



00A147



9A65FF



908800

# Square

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



9A65FF



F83C2A



359900



00A4E1

# Rectangle

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



9A65FF



FF008E



359900



00A47D



# Sweetspot

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



9A65FF



E1D1FF



65CCFF



6D6380



000000



808080



# Same Dimension

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



9A65FF



8747FF



E565FF



777380



4200BF



160040



# Inverse Universe

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



FF65CA



FF47C0



7FFF65



80737B



BF007D

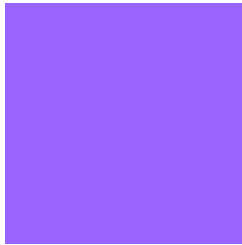


40002A



# Previews

## White Background



This preview shows how the Hex color 9A65FF looks on a white background.

## Color Contrast Check

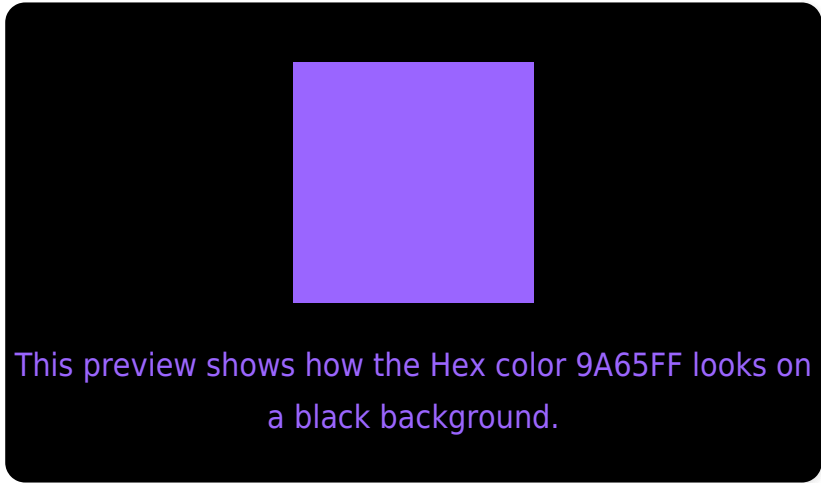
Large Text (above 18pt) WCAG AA ✓ Pass

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

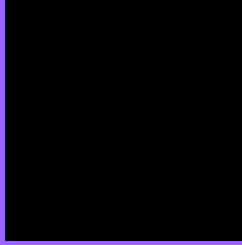
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 9A65FF Background



This preview shows how black text looks on a background with the Hex color 9A65FF.

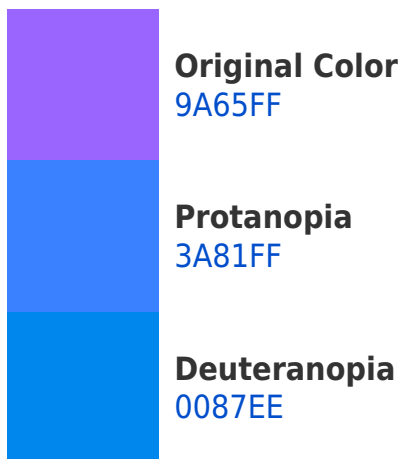


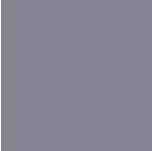
This preview shows how white text looks on a background with the Hex color 9A65FF.

# 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](#).

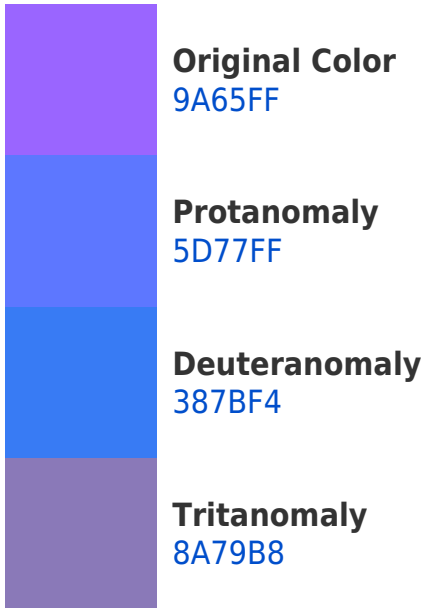
## Dichromacy



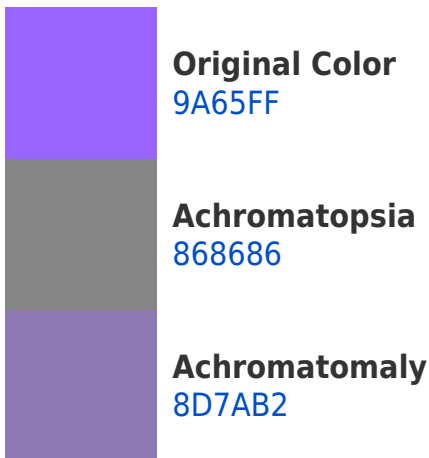


**Tritanopia**  
81848F

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9A65FF 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 #9A65FF looks like.

```
.text, #text, p{  
    color:#9A65FF  
}
```

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 #9A65FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9A65FF
}
```

## Border

The CSS property to change the border of an element to Hex 9A65FF 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
#9A65FF }
```

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

```
.border{ border-color:#9A65FF }
```

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

Here you see how a box with a 4 pixel #9A65FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9A65FF; -webkit-box-shadow:4px 4px  
4px 4px #9A65FF; box-shadow:4px 4px 4px  
4px #9A65FF }
```

# Background

The CSS property to change the background color of an element to Hex 9A65FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9A65FF }
```

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

```
.background{ background-color:#9A65FF }
```

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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