

# Converting Colors

Hex(9A6EF5)

Have a look what the booklet for  
Hex(9A6EF5) contains.

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**Color**

**Hex(9A6EF5)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9A6EF5
RGB	154, 110, 245
RGB Percent	60%, 43%, 96%
CMY	0.3961, 0.5686, 0.0392
CMYK	0.37, 0.55, 0.00, 0.04
HSL	260°, 87%, 70%
HSV	260°, 55%, 96%
XYZ	35.3838, 24.6145, 89.2723
YIQ	138.5460, -17.1110, 51.3130

# Conversions

## Conversions Part 2

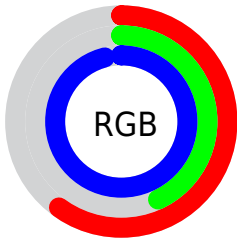
Format	Color
<a href="#">RYB</a>	<a href="#">154, 110, 245</a>
Decimal	<a href="#">10120949</a>
CIELab	<a href="#">56.70, 46.33, -61.85</a>
CIELCh	<a href="#">57, 77.280, 306.839</a>
Yxy	<a href="#">24.6145, 0.2370, 0.1649</a>
Android (android.graphics.Color)	<a href="#">4288311029 (0xFF9A6EF5)</a>
YUV	<a href="#">138.5460, 52.4818, 13.5532</a>
Hunter-Lab	<a href="#">49.6130, 40.4829, -71.9559</a>

# Details

The Hex color **9A6EF5** is a light color, and the websafe version is hex **9966FF**. A complement of this color would be **C9F56E**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **D4A3FF**, and **603CBC** is the 20% darker color. If you saturate the color by 10%, you get **8956F5**, and if you desaturate by 10%, it is **AB87F5**.

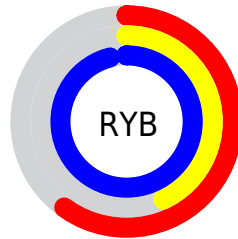
# Distribution



Red (60%)

Green (43%)

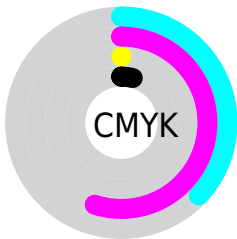
Blue (96%)



Red (60%)

Yellow (43%)

Blue (96%)

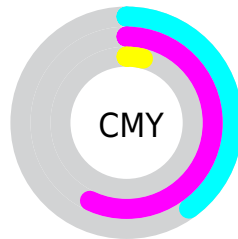


Cyan (37%)

Magenta (55%)

Yellow (0%)

Black (4%)



Cyan (40%)

Magenta (57%)

Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9A6EF5 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 9A6EF5 by changing the saturation by 10% instead.



 9A6EF5

 9A6EF5

FFFFFF

 7D55D8

 D4A3FF

 603CBC

 F2BEFF

 4324A0

 FFDBFF

 210A85

 FFF7FF

 00006B

 000052

 00053A

 000223

 00000B

 9A6EF5

 9A6EF5

 8956F5

 AB87F5

 793DF5

 BB9FF5

 6825F5

 CCB8F5

 580CF5

 DCD0F5

 5000F5

 EDE9F5

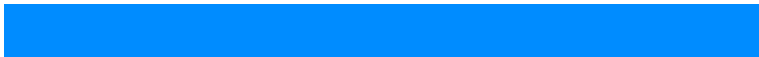
 FDFFF5

 FFFFF5

# Harmonies

## Analogous

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



008CFF



9A6EF5



E348BE

# Triad

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



9A6EF5



CD7000



00A596

# Complementary

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



9A6EF5



C9F56E

# 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.



00A24F



9A6EF5



968A00

# Square

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



9A6EF5



F24E3B



4D9A00



00A4D8

# Rectangle

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



9A6EF5



F83592



4D9A00



00A57F



# Sweetspot

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



9A6EF5



E2D4FF



6ECAF5



6E6680



000000



808080



# Same Dimension

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



9A6EF5



8E57FF



DC6EF5



726E7A



3D00BA



13003B



# Inverse Universe

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



F56EC9



FF57C8



87F56E



7A6E76



BA007D

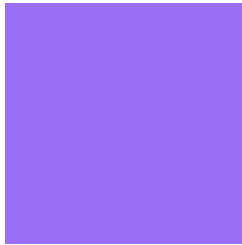


3B0028



# Previews

## White Background



This preview shows how the Hex color 9A6EF5 looks on a white background.

## Color Contrast Check

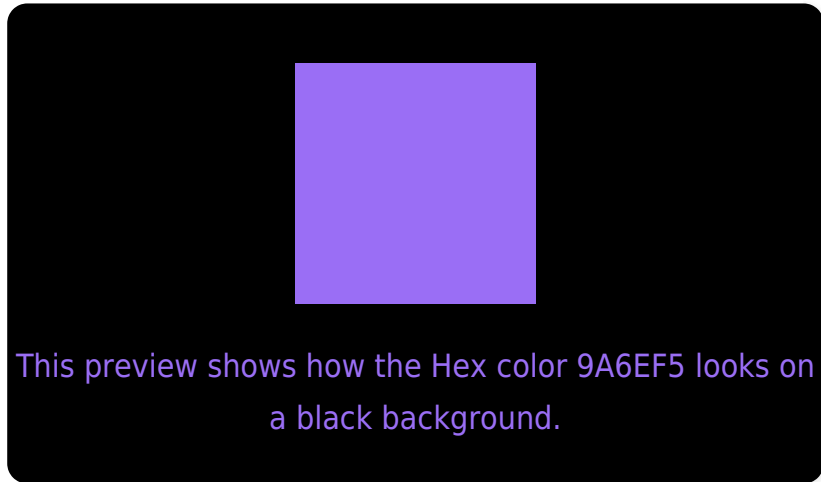
Large Text (above 18pt) WCAG AA ✓ Pass

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

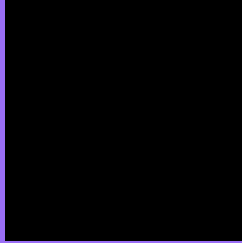
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 9A6EF5 Background



This preview shows how black text looks on a background with the Hex color 9A6EF5.



This preview shows how white text looks on a background with the Hex color 9A6EF5.

# 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](#).

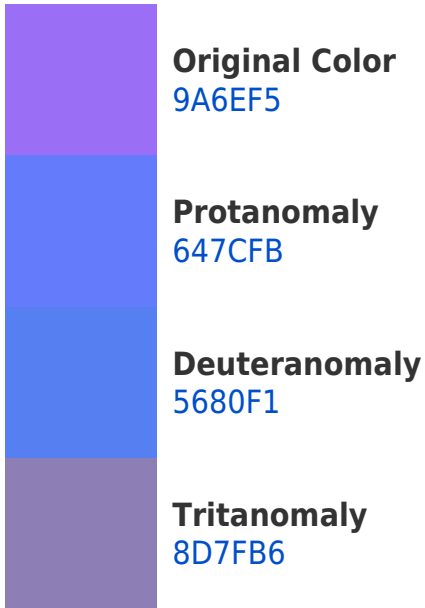
## Dichromacy





**Tritanopia**  
858892

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9A6EF5 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 #9A6EF5 looks like.

```
.text, #text, p{  
    color:#9A6EF5  
}
```

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 #9A6EF5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9A6EF5
}
```

## Border

The CSS property to change the border of an element to Hex 9A6EF5 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
#9A6EF5 }
```

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

```
.border{ border-color:#9A6EF5 }
```

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

Here you see how a box with a 4 pixel #9A6EF5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9A6EF5; -webkit-box-shadow:4px 4px  
4px 4px #9A6EF5; box-shadow:4px 4px 4px  
4px #9A6EF5 }
```

# Background

The CSS property to change the background color of an element to Hex 9A6EF5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9A6EF5 }
```

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

```
.background{ background-color:#9A6EF5 }
```

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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