

# Converting Colors

Hex(9D90F5)

Have a look what the booklet for  
Hex(9D90F5) contains.

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# Color

**Hex(9D90F5)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9D90F5
RGB	157, 144, 245
RGB Percent	62%, 56%, 96%
CMY	0.3843, 0.4353, 0.0392
CMYK	0.36, 0.41, 0.00, 0.04
HSL	248°, 83%, 76%
HSV	248°, 41%, 96%
XYZ	40.3593, 33.7072, 90.7652
YIQ	159.4010, -24.6730, 34.1670

# Conversions

## Conversions Part 2

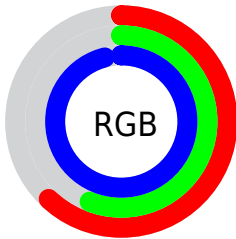
Format	Color
R <sub>Y</sub> B	157, 144, 245
Decimal	10326261
CIE Lab	64.73, 27.84, -49.04
CIE LCh	65, 56.391, 299.585
Yxy	33.7072, 0.2449, 0.2045
Android (android.graphics.Color)	4288516341 (0xFF9D90F5)
YUV	159.4010, 42.2003, -2.1057
Hunter-Lab	58.0579, 22.4841, -52.0509

# Details

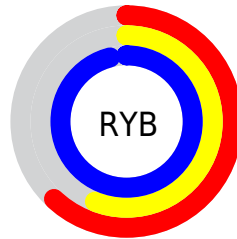
The Hex color **9D90F5** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **E8F590**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **D6C6FF**, and **655EBC** is the 20% darker color. If you saturate the color by 10%, you get **8878F5**, and if you desaturate by 10%, it is **B2A9F5**.

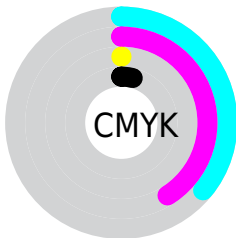
# Distribution



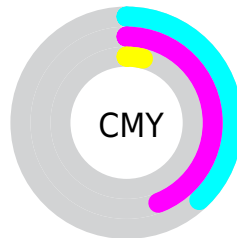
- Red (62%)
- Green (56%)
- Blue (96%)



- Red (62%)
- Yellow (56%)
- Blue (96%)



- Cyan (36%)
- Magenta (41%)
- Yellow (0%)
- Black (4%)



- Cyan (38%)
- Magenta (44%)
- Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9D90F5 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 9D90F5 by changing the saturation by 10% instead.



 9D90F5

 9D90F5

FFFFFF

 8176D8

 D6C6FF

 655EBC

 F4E2FF

 4A46A1

 2C2F86

 031A6C

 000553

 00023B

 000225

 00010D

 9D90F5

 9D90F5

 8878F5

 B2A9F5

 725FF5

 C8C1F5

 5D46F5

 DDDAF5

 482EF5

 F2F2F5

 3215F5

 FFFFF5

 2000F5

# Harmonies

## Analogous

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



17A3FF



9D90F5



DA7BD1

# Triad

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



9D90F5



E08746



00B59B

# Complementary

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



9D90F5



E8F590

# 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.



40B168



9D90F5



B99A31

# Square

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



9D90F5



F7756E



87A940



00B5CD

# Rectangle

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



9D90F5



F072B1



87A940



00B589



# Sweetspot

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



9D90F5



E4E0FF



90E9F5



706E80



000000



808080



# Same Dimension

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



9D90F5



9282FF



CE90F5



706E7A



1800BA



08003B



# Inverse Universe

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



F590E8



FF82EF



B7F590



7A6E79



BA00A2

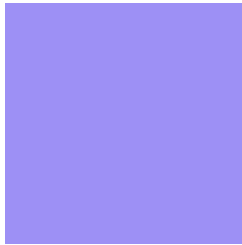


3B0033



# Previews

## White Background



This preview shows how the Hex color 9D90F5 looks on a white background.

## Color Contrast Check

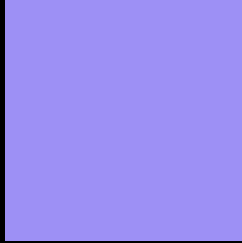
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color 9D90F5 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

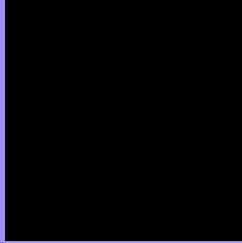
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 9D90F5 Background



This preview shows how black text looks on a background with the Hex color 9D90F5.

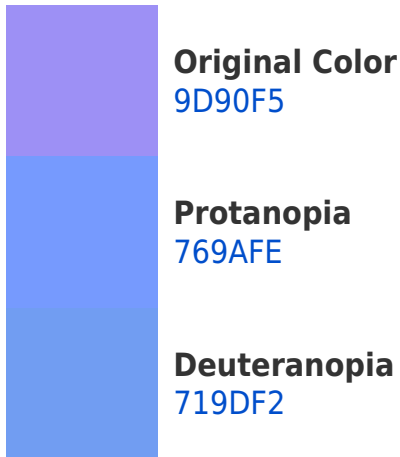


This preview shows how white text looks on a background with the Hex color 9D90F5.

# 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](#).

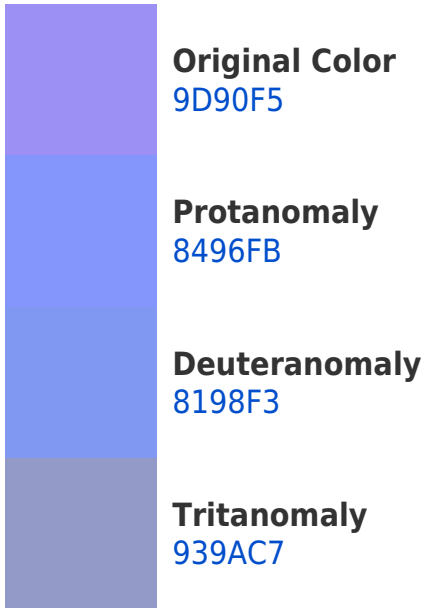
## Dichromacy



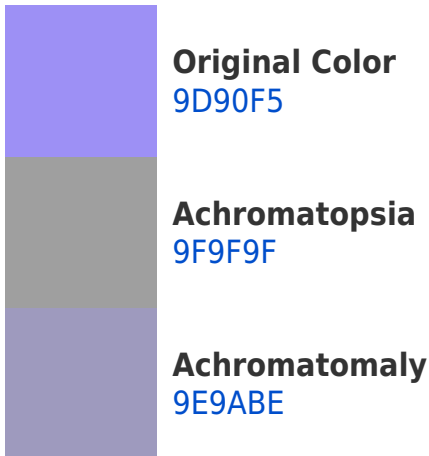


**Tritanopia**  
8DA0AC

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9D90F5 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 #9D90F5 looks like.

```
.text, #text, p{  
  color:#9D90F5  
}
```

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 #9D90F5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9D90F5  
}
```

## Border

The CSS property to change the border of an element to Hex 9D90F5 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  
#9D90F5 }
```

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

```
.border{ border-color:#9D90F5 }
```

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

Here you see how a box with a 4 pixel #9D90F5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9D90F5; -webkit-box-shadow:4px 4px  
4px 4px #9D90F5; box-shadow:4px 4px 4px  
4px #9D90F5 }
```

# Background

The CSS property to change the background color of an element to Hex 9D90F5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9D90F5 }
```

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

```
.background{ background-color:#9D90F5 }
```

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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