

# Converting Colors

Hex(909DFE)

Have a look what the booklet for  
Hex(909DFE) contains.

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# **Color**

**Hex(909DFE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	909DFE
RGB	144, 157, 254
RGB Percent	56%, 62%, 100%
CMY	0.4353, 0.3843, 0.0039
CMYK	0.43, 0.38, 0.00, 0.00
HSL	233°, 98%, 78%
HSV	233°, 43%, 100%
XYZ	41.4480, 37.1990, 98.7615
YIQ	164.1710, -38.8850, 27.4110

# Conversions

## Conversions Part 2

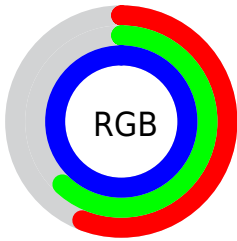
Format	Color
<a href="#">RYB</a>	144, 156, 254
Decimal	9477630
CIELab	67.43, 19.57, -49.76
CIElCh	67, 53.471, 291.465
Yxy	37.1990, 0.2336, 0.2097
Android (android.graphics.Color)	4287667710 (0xFF909DFE)
YUV	164.1710, 44.2857, -17.6900
Hunter-Lab	60.9910, 14.5700, -53.3135

# Details

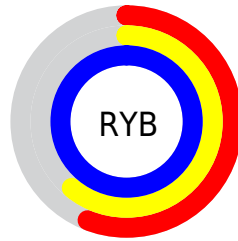
The Hex color **909DFE** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **FEF190**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **CAD3FF**, and **576AC5** is the 20% darker color. If you saturate the color by 10%, you get **7787FE**, and if you desaturate by 10%, it is **A9B3FE**.

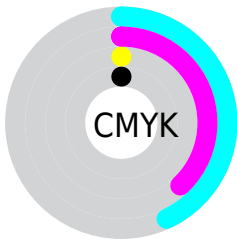
# Distribution



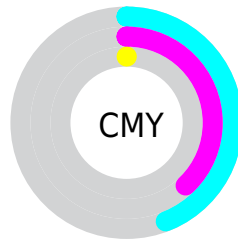
- Red (56%)
- Green (62%)
- Blue (100%)



- Red (56%)
- Yellow (61%)
- Blue (100%)



- Cyan (43%)
- Magenta (38%)
- Yellow (0%)
- Black (0%)



- Cyan (44%)
- Magenta (38%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 909DFE 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 909DFE by changing the saturation by 10% instead.



 909DFE

 909DFE

FFFFFF


 7483E1

 CAD3FF

 576AC5

 E7F0FF

 3952A9

 113B8E

 002674

 00135B

 000143

 00032C

 000116

■ 909DFE

■ 909DFE

■ 7787FE

■ A9B3FE

■ 5D70FE

■ C3CAFE

■ 445AFE

■ DCE0FE

■ 2A43FE

■ F6F7FE

■ 112DFE

FFFFFE

■ 001EFE

# Harmonies

## Analogous

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



00ADFF



909DFE



D28AE1

# Triad

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



909DFE



ED8B5A



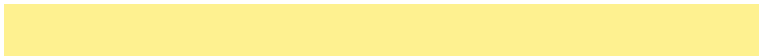
00BB94

# Complementary

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



909DFE



FEF190

# 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.



64B666



909DFE



CB9D41

# Square

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



909DFE



FE7C84



9EAC46



00BCC6

# Rectangle

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



909DFE



ED7FC4



9EAC46



22BA84



# Sweetspot

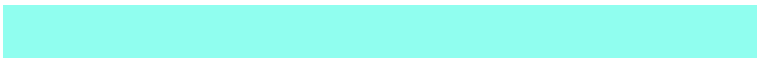
The Sweet Spot groups the original color and five complimentary colors.



909DFE



DEE2FF



90FEEF



6B6E80



000000



808080



# Same Dimension

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



909DFE



7A8AFF



B890FE



737480



0017BF



000840



# Inverse Universe

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



FE909D



FF7A8A



D6FE90



807374



BF0017

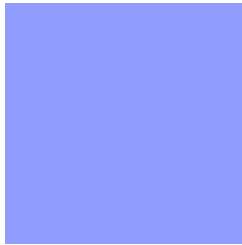


400008



# Previews

## White Background



This preview shows how the Hex color 909DFE looks on a white background.

## Color Contrast Check

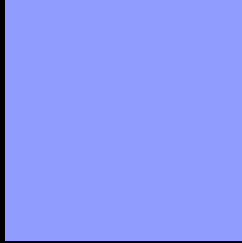
Large Text (above 18pt) WCAG AA × Fail

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 909DFE 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 909DFE Background



This preview shows how black text looks on a background with the Hex color 909DFE.

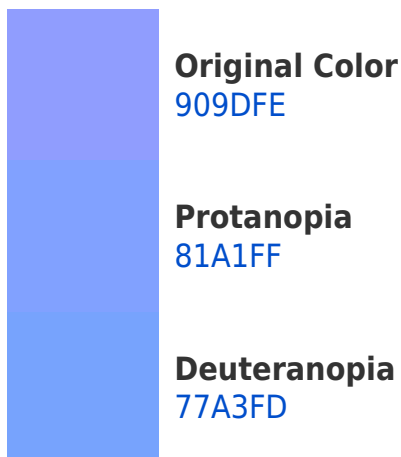


This preview shows how white text looks on a background with the Hex color 909DFE.

# 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](#).

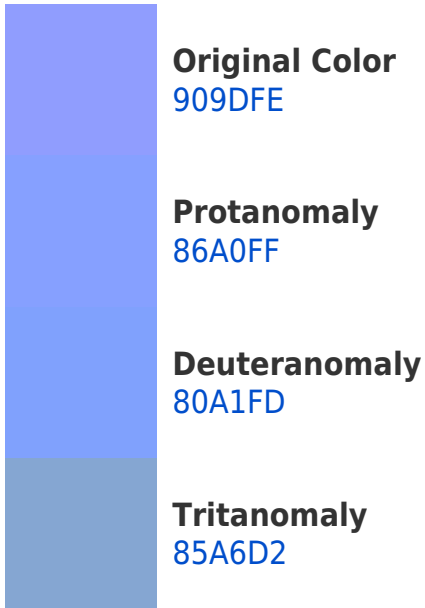
## Dichromacy



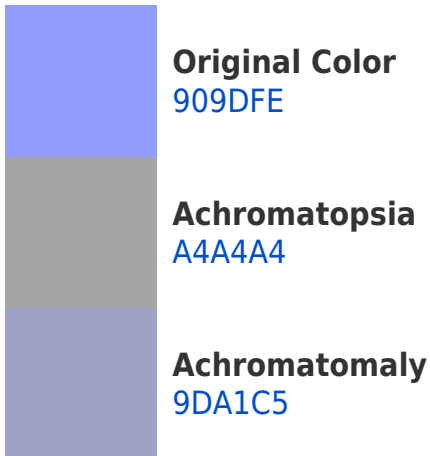


**Tritanopia**  
7EABB9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 909DFE 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 #909DFE looks like.

```
.text, #text, p{  
    color:#909DFE  
}
```

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 #909DFE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #909DFE
}
```

## Border

The CSS property to change the border of an element to Hex 909DFE is called "border". The border property can be set on classes, ids or directly on the HTML element.

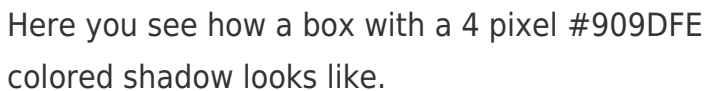
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#909DFE }
```

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

```
.border{ border-color:#909DFE }
```

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



Here you see how a box with a 4 pixel #909DFE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #909DFE; -webkit-box-shadow:4px 4px  
4px 4px #909DFE; box-shadow:4px 4px 4px  
4px #909DFE }
```

# Background

The CSS property to change the background color of an element to Hex 909DFE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#909DFE }
```

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

```
.background{ background-color:#909DFE }
```

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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