

# Converting Colors

Hex(9018F7)

Have a look what the booklet for  
Hex(9018F7) contains.

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**Color**

**Hex(9018F7)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9018F7
RGB	144, 24, 247
RGB Percent	56%, 9%, 97%
CMY	0.4353, 0.9059, 0.0314
CMYK	0.42, 0.90, 0.00, 0.03
HSL	272°, 93%, 53%
HSV	272°, 90%, 97%
XYZ	28.6167, 13.2980, 89.0542
YIQ	85.3020, -0.0630, 94.7930

# Conversions

## Conversions Part 2

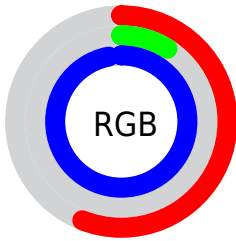
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	144, 24, 247
Decimal	9443575
CIE Lab	43.21, 79.91, -84.95
CIE LCh	43, 116.628, 313.247
Yxy	13.2980, 0.2185, 0.1015
Android (android.graphics.Color)	4287633655 (0xFF9018F7)
YUV	85.3020, 79.7171, 51.4781
Hunter-Lab	36.4664, 76.2605, -119.2651

# Details

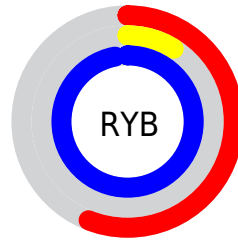
The Hex color **9018F7** is a dark color, and the websafe version is hex **9900FF**. The color can be described as middle washed purple. A complement of this color would be **7FF718**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **CE5CFF**, and **5000BD** is the 20% darker color. If you saturate the color by 10%, you get **8500F7**, and if you desaturate by 10%, it is **9B31F7**.

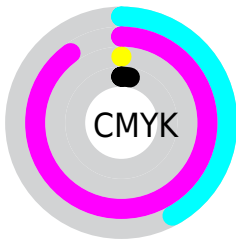
# Distribution



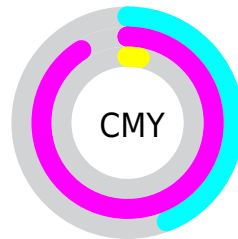
- Red (56%)
- Green (9%)
- Blue (97%)



- Red (56%)
- Yellow (9%)
- Blue (97%)



- Cyan (42%)
- Magenta (90%)
- Yellow (0%)
- Black (3%)



- Cyan (44%)
- Magenta (91%)
- Yellow (3%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9018F7 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 9018F7 by changing the saturation by 10% instead.



 9018F7

 9018F7

FFFFFF

 7100DA

 CE5CFF

 5000BD

 ED79FF

 2900A1

 FF96FF

 000086

 FFB3FF

 00006B

 FFD0FF

 000552

 FFEEFF

 00053A

 000223

 00000A

9018F7

9018F7

8500F7

9B31F7

A749F7

B262F7

BE7BF7

C994F7

D4ACF7

E0C5F7

EBDEF7

F7F6F7

# Harmonies

## Analogous

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



0069FF



9018F7



ED00A0

# Triad

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



9018F7



A84C00



008791

# Complementary

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



9018F7



7FF718

# 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.



008427



9018F7



547000

# Square

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



9018F7



E30000



007E00



0088EC

# Rectangle

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



9018F7



FF0061



007E00



00866F



# Sweetspot

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



9018F7



DFBAFF



1880F7



6D5780



000000



808080



# Same Dimension

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



9018F7



8900FF



F718F0



756E7A



6400BA



20003B



# Inverse Universe

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



F7187F



FF0076



18F71F



7A6E74



BA0056

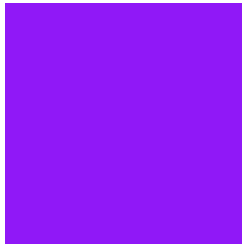


3B001B



# Previews

## White Background



This preview shows how the Hex color 9018F7 looks on a white background.

## Color Contrast Check

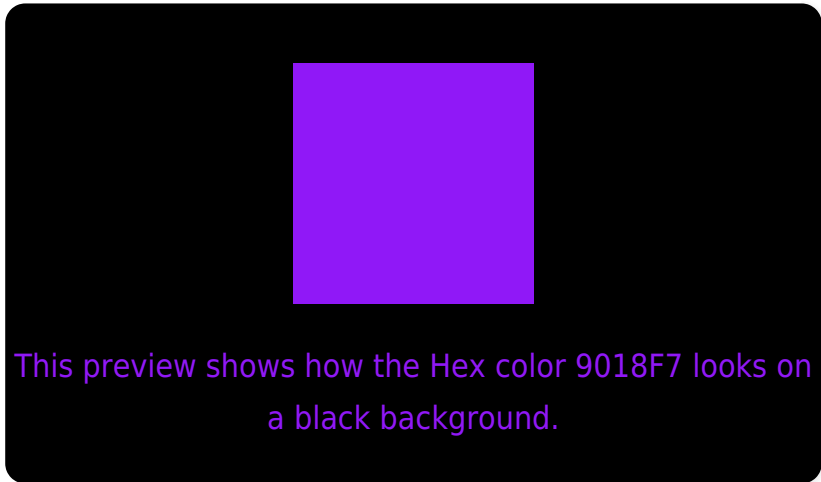
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

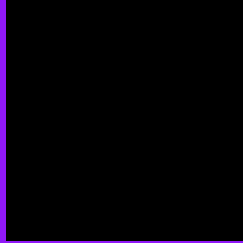
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 9018F7 Background



This preview shows how black text looks on a background with the Hex color 9018F7.

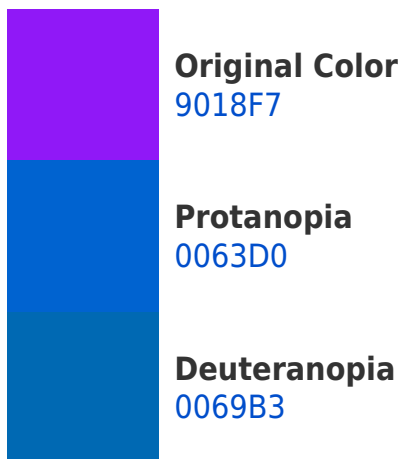


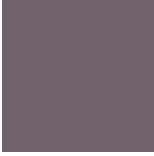
This preview shows how white text looks on a background with the Hex color 9018F7.

# 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](#).

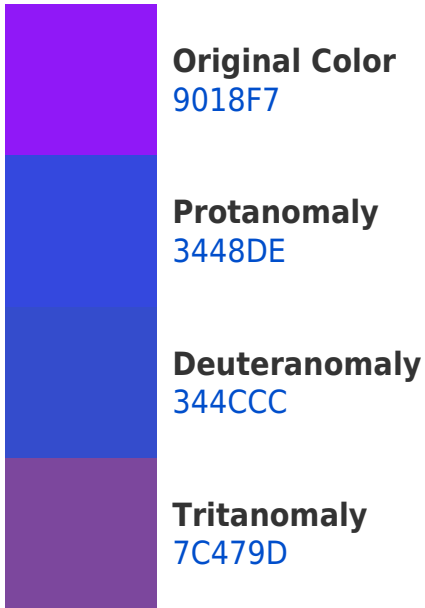
## Dichromacy



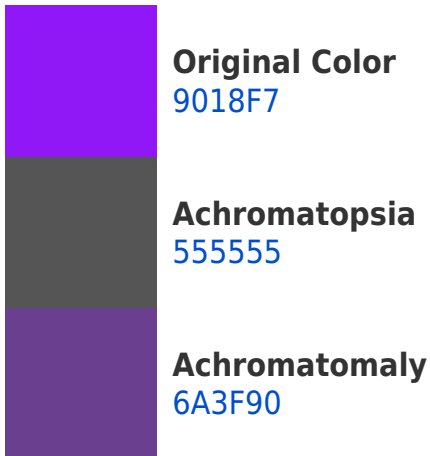


**Tritanopia**  
71626A

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9018F7 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 #9018F7 looks like.

```
.text, #text, p{  
    color:#9018F7  
}
```

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 #9018F7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9018F7
}
```

## Border

The CSS property to change the border of an element to Hex 9018F7 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".

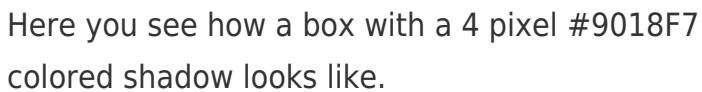
```
.border, #border, table{ border:4px solid
#9018F7 }
```

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

```
.border{ border-color:#9018F7 }
```

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

Here you see how a box with a 4 pixel #9018F7 colored shadow looks like.

A rectangular box with a thick purple border and a purple shadow. The box is white with a purple border and a purple shadow. The shadow is a 4px offset in all directions.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9018F7; -webkit-box-shadow:4px 4px  
4px 4px #9018F7; box-shadow:4px 4px 4px  
4px #9018F7 }
```

# Background

The CSS property to change the background color of an element to Hex 9018F7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9018F7 }
```

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

```
.background{ background-color:#9018F7 }
```

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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