

# Converting Colors

Hex(D9A0F4)

Have a look what the booklet for  
Hex(D9A0F4) contains.

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# **Color**

**Hex(D9A0F4)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D9A0F4
RGB	217, 160, 244
RGB Percent	85%, 63%, 96%
CMY	0.1490, 0.3725, 0.0431
CMYK	0.11, 0.34, 0.00, 0.04
HSL	281°, 79%, 79%
HSV	281°, 34%, 96%
XYZ	57.5152, 46.4250, 91.5175
YIQ	186.6190, 7.0080, 38.2080

# Conversions

## Conversions Part 2

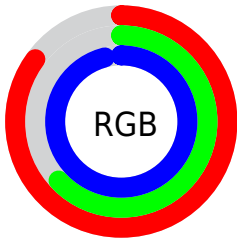
Format	Color
R <sub>Y</sub> B	217, 160, 244
Decimal	14262516
CIE Lab	73.82, 35.76, -33.88
CIE LCh	74, 49.260, 316.541
Yxy	46.4250, 0.2943, 0.2375
Android (android.graphics.Color)	4292452596 (0xFFD9A0F4)
YUV	186.6190, 28.2888, 26.6441
Hunter-Lab	68.1359, 31.4386, -31.9409

# Details

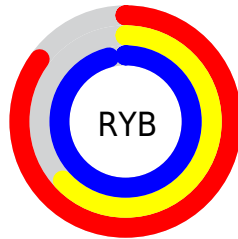
The Hex color **D9A0F4** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **BBF4A0**, and the grayscale version is **BABABA**.

A 20% lighter version of the original color is **FFD7FF**, and **A16CBB** is the 20% darker color. If you saturate the color by 10%, you get **D188F4**, and if you desaturate by 10%, it is **E1B8F4**.

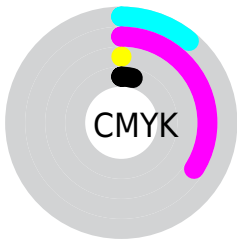
# Distribution



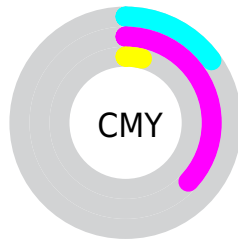
- Red (85%)
- Green (63%)
- Blue (96%)



- Red (85%)
- Yellow (63%)
- Blue (96%)



- Cyan (11%)
- Magenta (34%)
- Yellow (0%)
- Black (4%)



- Cyan (15%)
- Magenta (37%)
- Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D9A0F4 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 D9A0F4 by changing the saturation by 10% instead.



 D9A0F4

 D9A0F4

FFFFFF

 BD85D7

 FFD7FF

 A16CBB

 FFF4FF

 8652A0

 6C3A86

 52226C

 390954

 22003C

 000026

 00010E

 D9A0F4

 D9A0F4

 D188F4

 E1B8F4

 C96FF4

 E9D1F4

 C157F4

 F1E9F4

 BA3EF4

 F8FFF4

 B226F4

 FFFFF4

 AA0EF4

 A600F4

# Harmonies

## Analogous

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



99B1FF



D9A0F4



FF93CC

# Triad

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



D9A0F4



E2AC5C



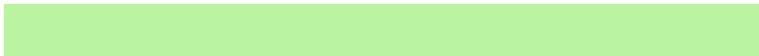
00CDCE

# Complementary

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



D9A0F4



BBF4A0

# 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.



3ECB9F



D9A0F4



B8BB5C

# Square

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



D9A0F4



FF9C76



85C575



00C9F6

# Rectangle

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



D9A0F4



FF90AD



85C575



00CDBE



# Sweetspot

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



D9A0F4



F7E6FF



A0BCF4



7B7080



000000



808080



# Same Dimension

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



D9A0F4



DD96FF



F4A0E6



766E7A



7E00BA



28003B



# Inverse Universe

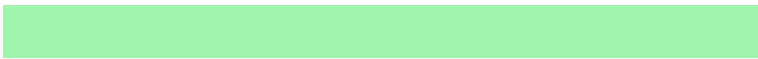
The Inverse Universe completely reimagines the original color for something new.



F4A0BB



FF96B8



A0F4AE



7A6E72



BA003C

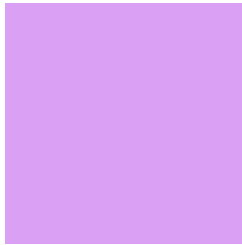


3B0013



# Previews

## White Background



This preview shows how the Hex color D9A0F4 looks on a white background.

## Color Contrast Check

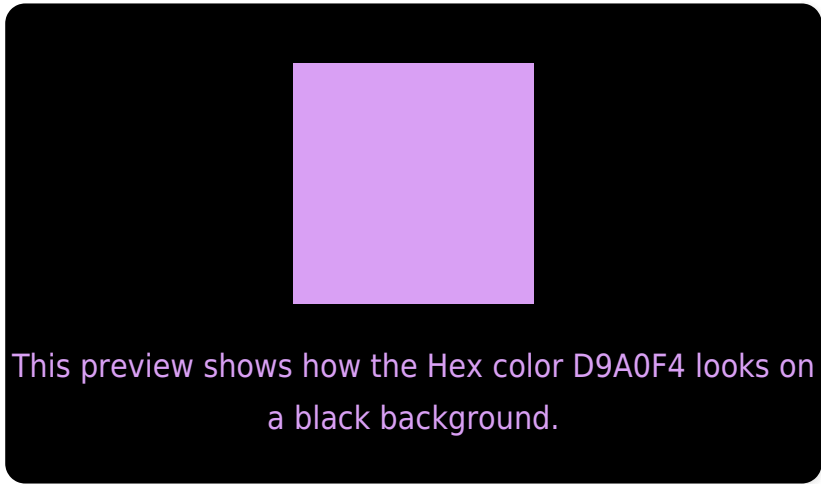
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

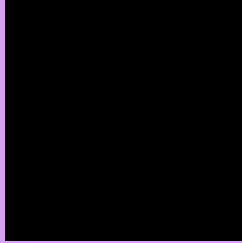
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex D9A0F4 Background



This preview shows how black text looks on a background with the Hex color D9A0F4.

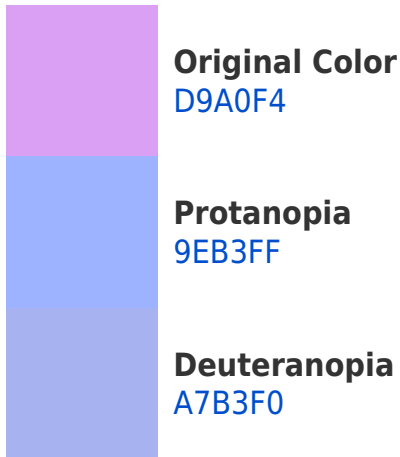


This preview shows how white text looks on a background with the Hex color D9A0F4.

# 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**  
D0ACB9

# Trichromacy



**Original Color**  
D9A0F4



**Protanomaly**  
B3ACFB



**Deuteranomaly**  
B9ACF1



**Tritanomaly**  
D3A8CE

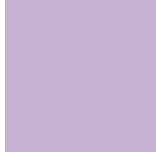
# Monochromacy



**Original Color**  
D9A0F4



**Achromatopsia**  
BBBBBB



**Achromatomaly**  
C6B1D0

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D9A0F4 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 #D9A0F4 looks like.

```
.text, #text, p{  
    color:#D9A0F4  
}
```

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 #D9A0F4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D9A0F4
}
```

## Border

The CSS property to change the border of an element to Hex D9A0F4 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
#D9A0F4 }
```

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

```
.border{ border-color:#D9A0F4 }
```

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

Here you see how a box with a 4 pixel #D9A0F4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D9A0F4; -webkit-box-shadow:4px 4px  
4px 4px #D9A0F4; box-shadow:4px 4px 4px  
4px #D9A0F4 }
```

# Background

The CSS property to change the background color of an element to Hex D9A0F4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D9A0F4 }
```

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

```
.background{ background-color:#D9A0F4 }
```

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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