

# Converting Colors

Hex(DA8AF4)

Have a look what the booklet for  
Hex(DA8AF4) contains.

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# Color

**Hex(DA8AF4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DA8AF4
RGB	218, 138, 244
RGB Percent	85%, 54%, 96%
CMY	0.1451, 0.4588, 0.0431
CMYK	0.11, 0.43, 0.00, 0.04
HSL	285°, 83%, 75%
HSV	285°, 43%, 96%
XYZ	54.3311, 39.6140, 90.3707
YIQ	174.0040, 13.6540, 49.9260

# Conversions

## Conversions Part 2

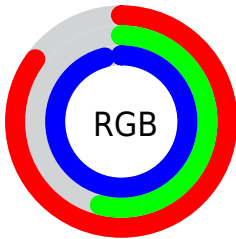
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	218, 138, 244
Decimal	14322420
CIE Lab	69.19, 47.75, -41.07
CIE LCh	69, 62.979, 319.300
Yxy	39.6140, 0.2948, 0.2149
Android (android.graphics.Color)	4292512500 (0xFFDA8AF4)
YUV	174.0040, 34.5080, 38.5845
Hunter-Lab	62.9397, 43.9411, -41.0726

# Details

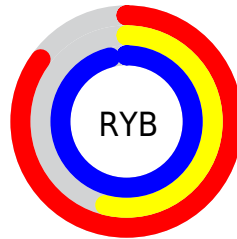
The Hex color **DA8AF4** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **A4F48A**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **FFC1FF**, and **A155BB** is the 20% darker color. If you saturate the color by 10%, you get **D472F4**, and if you desaturate by 10%, it is **E0A2F4**.

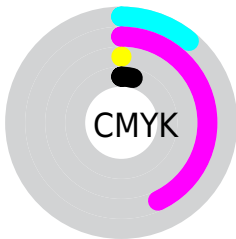
# Distribution



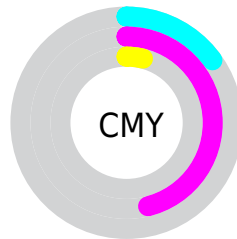
- Red (85%)
- Green (54%)
- Blue (96%)



- Red (85%)
- Yellow (54%)
- Blue (96%)



- Cyan (11%)
- Magenta (43%)
- Yellow (0%)
- Black (4%)



- Cyan (15%)
- Magenta (46%)
- Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DA8AF4 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 DA8AF4 by changing the saturation by 10% instead.



 DA8AF4

 DA8AF4

FFFFFF

 BD6FD7

 FFC1FF

 A155BB

 FFDEFF

 863CA0

 FFFBFF

 6B2185

 50006C

 360053

 21003B

 000124

 00000C

 DA8AF4

 DA8AF4

 D472F4

 E0A2F4

 CE59F4

 E6BBF4

 C841F4

 ECD3F4

 C228F4

 F2ECF4

 BC10F4

 F8FFF4

 B800F4

 FEFFF4

 FFFFF4

# Harmonies

## Analogous

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



85A2FF



DA8AF4



FF77C0

# Triad

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



DA8AF4



D89F31



00C4CD

# Complementary

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



DA8AF4



A4F48A

# 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.



00C392



DA8AF4



A4B133

# Square

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



DA8AF4



FF8854



5FBD5B



00C0FE

# Rectangle

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



DA8AF4



FF7499



5FBD5B



00C5BA



# Sweetspot

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



DA8AF4



F7DEFF



8AA4F4



7A6B80



000000



808080



# Same Dimension

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



DA8AF4



DE7AFF



F48ADA



776E7A



8C00BA



2C003B



# Inverse Universe

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



F48AA4



FF7A9B



8AF4A4



7A6E71



BA002E

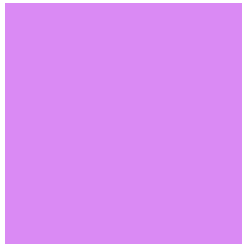


3B000E



# Previews

## White Background



This preview shows how the Hex color DA8AF4 looks on a white background.

## Color Contrast Check

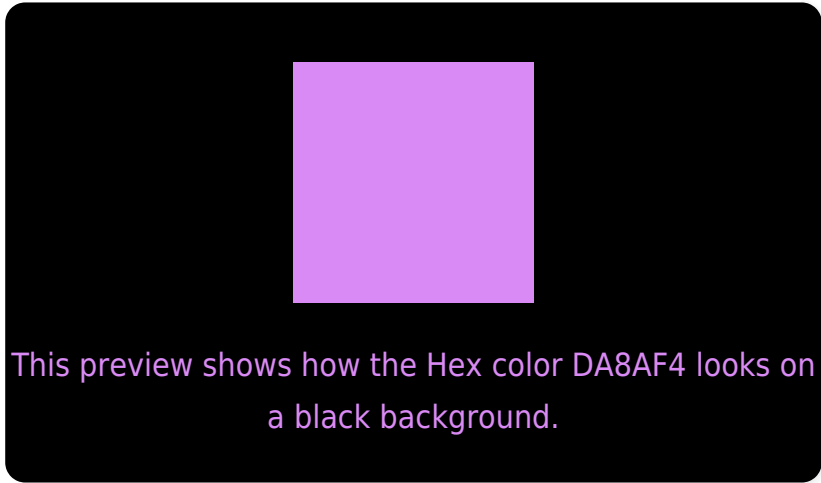
Large Text (above 18pt) WCAG AA × Fail

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

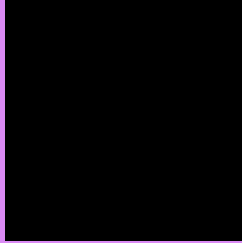
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex DA8AF4 Background



This preview shows how black text looks on a background with the Hex color DA8AF4.

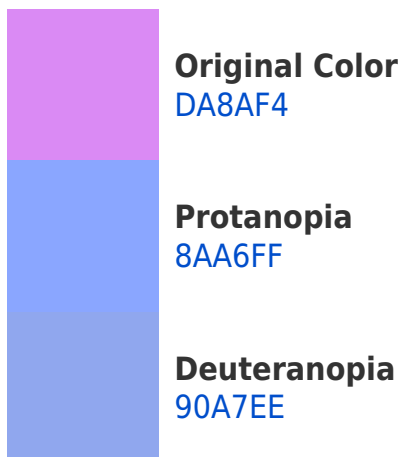


This preview shows how white text looks on a background with the Hex color DA8AF4.

# 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**  
CF9BA7

# Trichromacy



**Original Color**  
DA8AF4



**Protanomaly**  
A79CFB



**Deuteranomaly**  
AB9CF0



**Tritanomaly**  
D395C3

# Monochromacy



**Original Color**  
DA8AF4



**Achromatopsia**  
AEAEAE



**Achromatomaly**  
BEA1C7

# CSS Examples

## Text

The CSS property to change the color of the text to Hex DA8AF4 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 #DA8AF4 looks like.

```
.text, #text, p{  
    color:#DA8AF4  
}
```

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 #DA8AF4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DA8AF4  
}
```

## Border

The CSS property to change the border of an element to Hex DA8AF4 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  
#DA8AF4 }
```

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

```
.border{ border-color:#DA8AF4 }
```

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

Here you see how a box with a 4 pixel #DA8AF4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DA8AF4; -webkit-box-shadow:4px 4px  
4px 4px #DA8AF4; box-shadow:4px 4px 4px  
4px #DA8AF4 }
```

# Background

The CSS property to change the background color of an element to Hex DA8AF4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DA8AF4 }
```

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

```
.background{ background-color:#DA8AF4 }
```

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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