

# Converting Colors

Hex(DAA5F5)

Have a look what the booklet for  
Hex(DAA5F5) contains.

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# **Color**

**Hex(DAA5F5)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>              |
|---------------|---------------------------|
| Hex           | DAA5F5                    |
| RGB           | 218, 165, 245             |
| RGB Percent   | 85%, 65%, 96%             |
| CMY           | 0.1451, 0.3529, 0.0392    |
| CMYK          | 0.11, 0.33, 0.00, 0.04    |
| HSL           | 280°, 80%, 80%            |
| HSV           | 280°, 33%, 96%            |
| XYZ           | 58.8500, 48.4083, 92.6282 |
| YIQ           | 189.9670, 5.9080, 36.1160 |

# Conversions

## Conversions Part 2

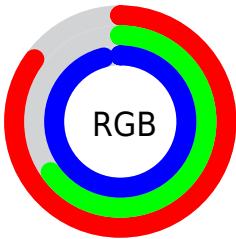
| Format                              | Color                         |
|-------------------------------------|-------------------------------|
| R <sub>YB</sub>                     | 218, 165, 245                 |
| Decimal                             | 14329333                      |
| CIE Lab                             | 75.08, 33.57, -32.47          |
| CIE LCh                             | 75, 46.701, 315.952           |
| Yxy                                 | 48.4083, 0.2944,<br>0.2422    |
| Android<br>(android.graphics.Color) | 4292519413<br>(0xFFDAA5F5)    |
| YUV                                 | 189.9670, 27.1313,<br>24.5849 |
| Hunter-Lab                          | 69.5760, 29.2238,<br>-30.2309 |

# Details

The Hex color **DAA5F5** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **C0F5A5**, and the grayscale version is **BEBEBE**.

A 20% lighter version of the original color is **FFDDFF**, and **A270BC** is the 20% darker color. If you saturate the color by 10%, you get **D28DF5**, and if you desaturate by 10%, it is **E2BEF5**.

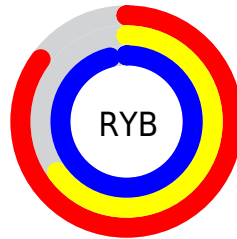
# Distribution



Red (85%)

Green (65%)

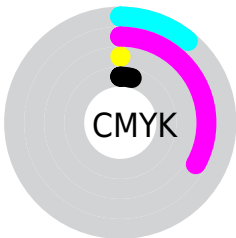
Blue (96%)



Red (85%)

Yellow (65%)

Blue (96%)

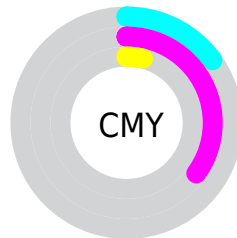


Cyan (11%)

Magenta (33%)

Yellow (0%)

Black (4%)



Cyan (15%)

Magenta (35%)

Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DAA5F5 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 DAA5F5 by changing the saturation by 10% instead.



 DAA5F5

 DAA5F5

FFFFFF

 BE8AD8

 FFDDFF

 A270BC

 FFF9FF

 8757A1

 6D3F87

 53276D

 3B1055

 23003D

 020027

 000110

 DAA5F5

 DAA5F5

 D28DF5

 E2BEF5

 C974F5

 EBD6F5

 C15CF5

 F3EFF5

 B943F5

 FBFFF5

 B12BF5

 FFFFF5

 A812F5

 A200F5

# Harmonies

## Analogous

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



9DB5FF



DAA5F5



FF99CF

# Triad

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



DAA5F5



E5AF65



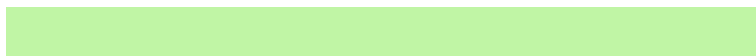
00CFCF

# Complementary

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



DAA5F5



C0F5A5

# 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.



4FCEA3



DAA5F5



BDBE64

# Square

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



DAA5F5



FFA07D



8DC87B



00CCF5

# Rectangle

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



DAA5F5



FF96B2



8DC87B



00CFC0



# Sweetspot

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



DAA5F5



F6E6FF



A5C1F5



7A7080



000000



808080



# Same Dimension

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



DAA5F5



DD9CFF



F5A5E9



766E7A



7B00BA



27003B



# Inverse Universe

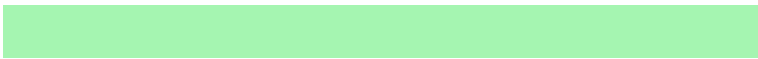
The Inverse Universe completely reimagines the original color for something new.



F5A5C0



FF9CBD



A5F5B1



7A6E72



BA003F

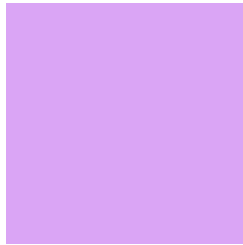


3B0014



# Previews

## White Background



This preview shows how the Hex color DAA5F5 looks on a white background.

## Color Contrast Check

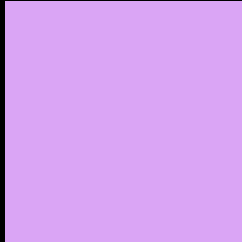
Large Text (above 18pt) WCAG AA × Fail

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 DAA5F5 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

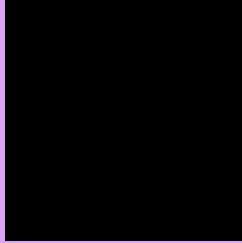
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex DAA5F5 Background



This preview shows how black text looks on a background with the Hex color DAA5F5.

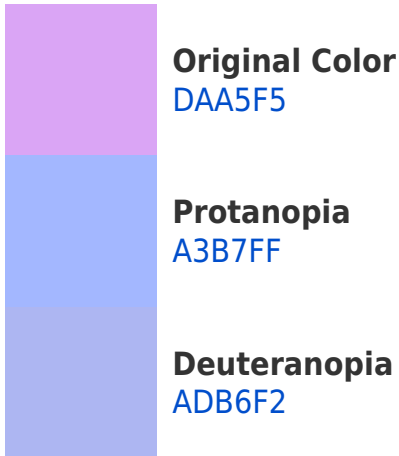



This preview shows how white text looks on a background with the Hex color DAA5F5.

# 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**  
D2B0BE

# Trichromacy



**Original Color**  
DAA5F5



**Protanomaly**  
B7B0FB



**Deuteranomaly**  
BDB0F3



**Tritanomaly**  
D5ACD2

# Monochromacy



**Original Color**  
DAA5F5



**Achromatopsia**  
BEBEBE



**Achromatomaly**  
C8B5D2

# CSS Examples

## Text

The CSS property to change the color of the text to Hex DAA5F5 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 #DAA5F5 looks like.

```
.text, #text, p{  
    color:#DAA5F5  
}
```

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 #DAA5F5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DAA5F5  
}
```

## Border

The CSS property to change the border of an element to Hex DAA5F5 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  
#DAA5F5 }
```

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

```
.border{ border-color:#DAA5F5 }
```

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

Here you see how a box with a 4 pixel #DAA5F5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DAA5F5; -webkit-box-shadow:4px 4px  
4px 4px #DAA5F5; box-shadow:4px 4px 4px  
4px #DAA5F5 }
```

# Background

The CSS property to change the background color of an element to Hex DAA5F5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DAA5F5 }
```

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

```
.background{ background-color:#DAA5F5 }
```

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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