

# Converting Colors

Hex(DDBAFC)

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

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# Color

**Hex(DDBAFC)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	<code>DDBAFC</code>
RGB	<code>221, 186, 252</code>
RGB Percent	<code>87%, 73%, 99%</code>
CMY	<code>0.1333, 0.2706, 0.0118</code>
CMYK	<code>0.12, 0.26, 0.00, 0.01</code>
HSL	<code>272°, 92%, 86%</code>
HSV	<code>272°, 26%, 99%</code>
XYZ	<code>64.9484, 57.5182, 99.7744</code>
YIQ	<code>203.9890, -0.3260, 27.9460</code>

# Conversions

## Conversions Part 2

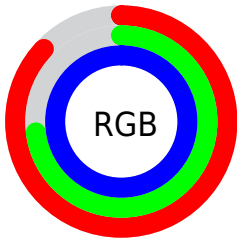
Format	Color
R <sub>Y</sub> B	221, 186, 252
Decimal	14531324
CIE Lab	80.47, 24.58, -27.93
CIE LCh	80, 37.207, 311.347
Yxy	57.5182, 0.2922, 0.2588
Android (android.graphics.Color)	4292721404 (0xFFDDBAFC)
YUV	203.9890, 23.6694, 14.9186
Hunter-Lab	75.8408, 20.1421, -24.9121

# Details

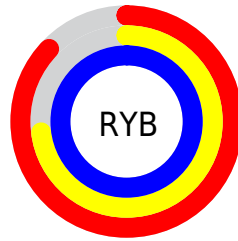
The Hex color **DDBAFC** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **D9FCBA**, and the grayscale version is **CCCCCC**.

A 20% lighter version of the original color is **FFF2FF**, and **A585C3** is the 20% darker color. If you saturate the color by 10%, you get **D1A1FC**, and if you desaturate by 10%, it is **E9D3FC**.

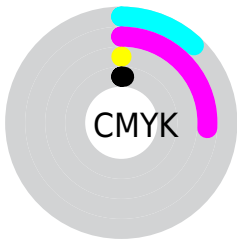
# Distribution



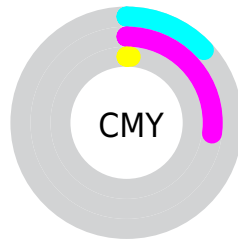
- Red (87%)
- Green (73%)
- Blue (99%)



- Red (87%)
- Yellow (73%)
- Blue (99%)



- Cyan (12%)
- Magenta (26%)
- Yellow (0%)
- Black (1%)



- Cyan (13%)
- Magenta (27%)
- Yellow (1%)

# Brightness & Saturation Gradients

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



 DDBAFC

FFFFFF

 FFF2FF

 DDBAFC

 C19FDF

 A585C3

 8A6BA8

 70538D

 573B74

 3F255B

 270F43

 16002D

 000117

 DDBAFC

 DDBAFC

 D1A1FC

 E9D3FC

 C588FC

 F5ECFC

 B96EFC

FFFFFFC

 AE55FC

 A23CFC

 9623FC

 8A0AFC

 8600FC

# Harmonies

## Analogous

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



ADC6FF



DDBAFC



FEB0DF

# Triad

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



DDBAFC



F2BE86



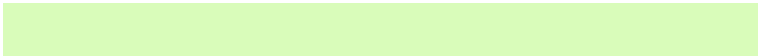
5BDBD4

# Complementary

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



DDBAFC



D9FCBA

# 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.



82D9B0



DDBAFC



D2CA83

# Square

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



DDBAFC



FFB39B



ACD392



51D8F4

# Rectangle

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



DDBAFC



FFADC7



ACD392



67DBC8



# Sweetspot

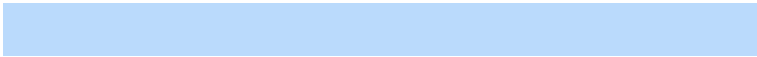
The Sweet Spot groups the original color and five complimentary colors.



DDBAFC



F5EBFF



BADAFC



7A7380



000000



808080



# Same Dimension

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



DDBAFC



DAB0FF



FCBAFB



77707D



6400BD



20003D



# Inverse Universe

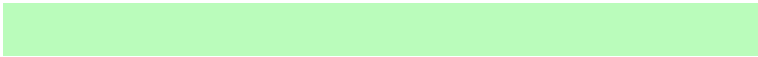
The Inverse Universe completely reimagines the original color for something new.



FCBAD9



FFB0D5



BAFCBB



7D7076



BD0059

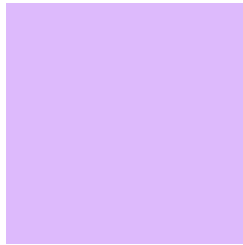


3D001D



# Previews

## White Background



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

## Color Contrast Check

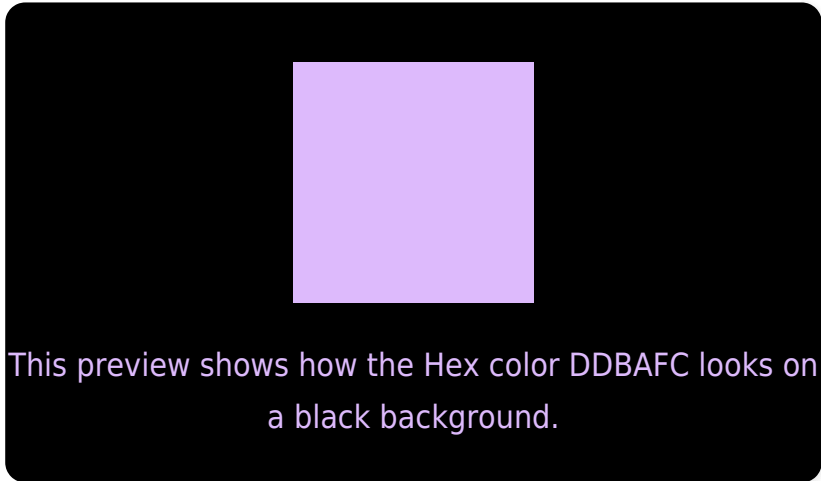
Large Text (above 18pt) WCAG AA × Fail

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

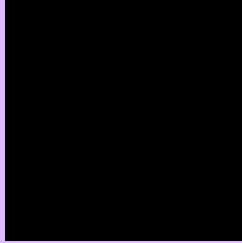
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex DDBAFC Background



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



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

# 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](#).

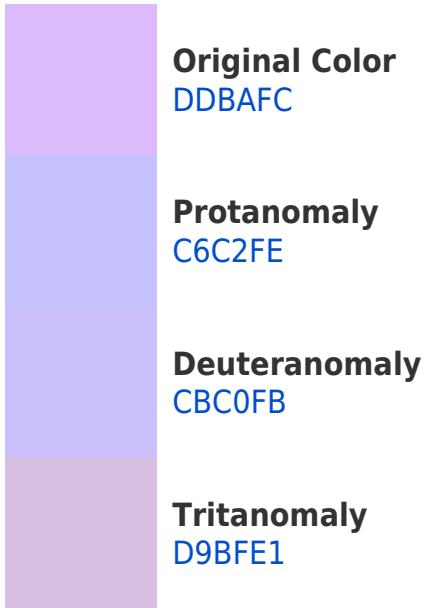
## Dichromacy



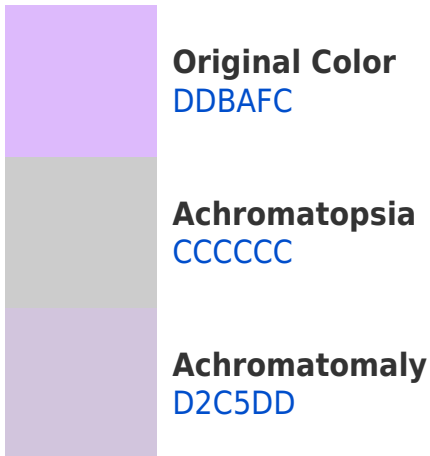


**Tritanopia**  
D6C2D1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

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

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

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 #DDBAFC colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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