

# Converting Colors

Hex(DBDAF4)

Have a look what the booklet for  
Hex(DBDAF4) contains.

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# **Color**

**Hex(DBDAF4)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	DBDAF4
RGB	219, 218, 244
RGB Percent	86%, 85%, 96%
CMY	0.1412, 0.1451, 0.0431
CMYK	0.10, 0.11, 0.00, 0.04
HSL	242°, 54%, 91%
HSV	242°, 11%, 96%
XYZ	70.6140, 71.7345, 95.7123
YIQ	221.2630, -7.7500, 8.2980

# Conversions

## Conversions Part 2

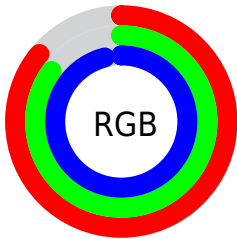
Format	Color
RYB	219, 218, 244
Decimal	14408436
CIELab	87.84, 5.26, -12.55
CIELCh	88, 13.609, 292.740
Yxy	71.7345, 0.2966, 0.3013
Android (android.graphics.Color)	4292598516 (0xFFDBDAF4)
YUV	221.2630, 11.2093, -1.9847
Hunter-Lab	84.6962, 0.6027, -7.7142

# Details

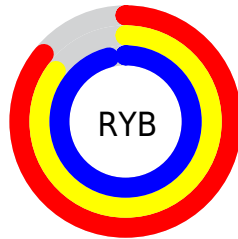
The Hex color **DBDAF4** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **F3F4DA**, and the grayscale version is **DDDDDD**.

A 20% lighter version of the original color is **FFFFFF**, and **A4A3BC** is the 20% darker color. If you saturate the color by 10%, you get **C4C2F4**, and if you desaturate by 10%, it is **F2F2F4**.

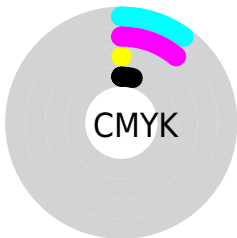
# Distribution



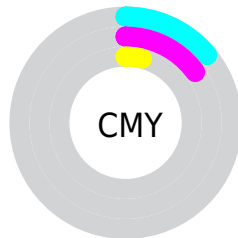
- Red (86%)
- Green (85%)
- Blue (96%)



- Red (86%)
- Yellow (85%)
- Blue (96%)



- Cyan (10%)
- Magenta (11%)
- Yellow (0%)
- Black (4%)



- Cyan (14%)
- Magenta (15%)
- Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DBDAF4 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 DBDAF4 by changing the saturation by 10% instead.



■ DBDAF4

FFFFFF

■ DBDAF4

■ BFBED8

■ A4A3BC

■ 8A89A1

■ 707087

■ 57576D

■ 404055

■ 2A2A3E

■ 141628

■ 000113

 DBDAF4

 DBDAF4

 C4C2F4

 F2F2F4

 ACA9F4

 FFFFF4

 9591F4

 7D78F4

 6660F4

 4E48F4

 372FF4

 1F17F4

 0900F4

# Harmonies

## Analogous

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



CBDEF6



DBDAF4



EAD6EC

# Triad

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



DBDAF4



F4D6C8



C1E4D9

# Complementary

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



DBDAF4



F3F4DA

# 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.



CDE2CC



DBDAF4



EADAC3

# Square

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



DBDAF4



F8D4D3



DCDEC4



BCE4E6

# Rectangle

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



DBDAF4



F2D4E4



DCDEC4



C5E3D4



# Sweetspot

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



DBDAF4



F8F7FF



DAF3F4



7B7A80



000000



808080



# Same Dimension

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



DBDAF4



DFDEFF



E8DAF4



6F6E7A



0700BA



02003B



# Inverse Universe

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



F4DAF3



FFDEFE



E6F4DA



7A6E7A



BA00B3

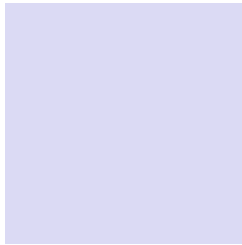


3B0038



# Previews

## White Background



This preview shows how the Hex color DBDAF4 looks on a white background.

## Color Contrast Check

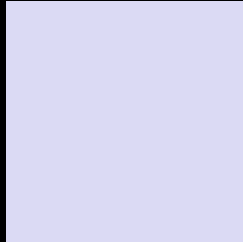
Large Text (above 18pt) WCAG AA × Fail

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 DBDAF4 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

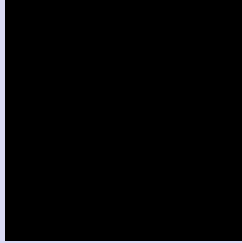
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex DBDAF4 Background



This preview shows how black text looks on a background with the Hex color DBDAF4.

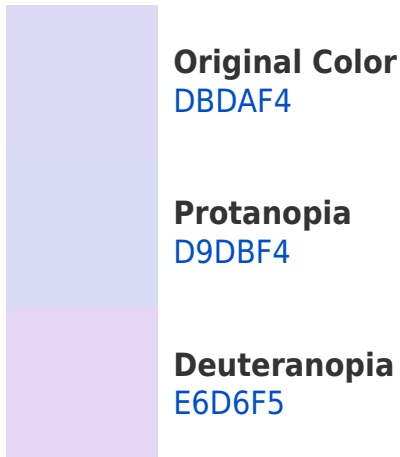


This preview shows how white text looks on a background with the Hex color DBDAF4.

# 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**  
DADBED

# Trichromacy



**Original Color**  
DBDAF4

**Protanomaly**  
DADBF4

**Deuteranomaly**  
E2D7F5

**Tritanomaly**  
DADBF0

# Monochromacy



**Original Color**  
DBDAF4

**Achromatopsia**  
DDDDDD

**Achromatomaly**  
DCDCE5

# CSS Examples

## Text

The CSS property to change the color of the text to Hex DBDAF4 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 #DBDAF4 looks like.

```
.text, #text, p{  
    color:#DBDAF4  
}
```

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 #DBDAF4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DBDAF4
}
```

## Border

The CSS property to change the border of an element to Hex DBDAF4 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
#DBDAF4 }
```

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

```
.border{ border-color:#DBDAF4 }
```

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

Here you see how a box with a 4 pixel #DBDAF4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DBDAF4; -webkit-box-shadow:4px 4px  
4px 4px #DBDAF4; box-shadow:4px 4px 4px  
4px #DBDAF4 }
```

# Background

The CSS property to change the background color of an element to Hex DBDAF4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DBDAF4 }
```

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

```
.background{ background-color:#DBDAF4 }
```

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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