

Converting Colors

Hex(DEC BFA)

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

Hex(DECBAF)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(DEC BFA)

Conversions

Conversions Part 1

Format	Color
Hex	DECBFA
RGB	222, 203, 250
RGB Percent	87%, 80%, 98%
CMY	0.1294, 0.2039, 0.0196
CMYK	0.11, 0.19, 0.00, 0.02
HSL	264°, 82%, 89%
HSV	264°, 19%, 98%
XYZ	68.7355, 65.1436, 99.3937
YIQ	214.0390, -3.7630, 18.6450

Conversions

Conversions Part 2

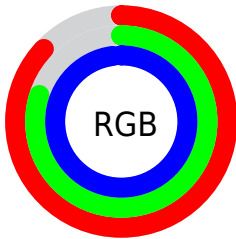
Format	Color
R _Y B	222, 203, 250
Decimal	14601210
CIE Lab	84.56, 15.36, -20.64
CIE LCh	85, 25.726, 306.659
Yxy	65.1436, 0.2947, 0.2793
Android (android.graphics.Color)	4292791290 (0xFFDECBFA)
YUV	214.0390, 17.7288, 6.9818
Hunter-Lab	80.7116, 10.7686, -16.5156

Details

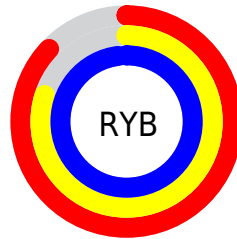
The Hex color **DECBFA** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **E7FACB**, and the grayscale version is **D6D6D6**.

A 20% lighter version of the original color is **FFFFFF**, and **A795C1** is the 20% darker color. If you saturate the color by 10%, you get **CFB2FA**, and if you desaturate by 10%, it is **EDE4FA**.

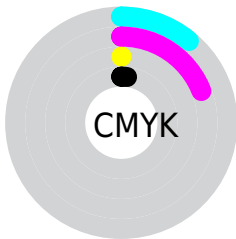
Distribution



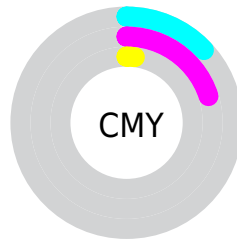
- Red (87%)
- Green (80%)
- Blue (98%)



- Red (87%)
- Yellow (80%)
- Blue (98%)



- Cyan (11%)
- Magenta (19%)
- Yellow (0%)
- Black (2%)



- Cyan (13%)
- Magenta (20%)
- Yellow (2%)

Brightness & Saturation Gradients

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

 DECBFA

FFFFFF

 DECBFA

 C2B0DD

 A795C1

 8C7BA6

 72628C

 594A72

 413359

 2A1E42

 16072C

 000117

 DECBFA

 DECBFA

 CFB2FA

 EDE4FA

 C099FA

 FCFDFA

 B180FA

 FFFFFA

 A267FA

 944EFA

 8535FA

 761CFA

 6703FA

 6500FA

Harmonies

Analogous

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



BED3FF



DECBFA



F7C4E7

Triad

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



DECBFA



F6CBA7



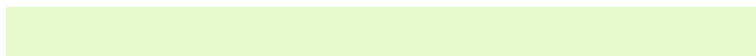
95E1D8

Complementary

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



DECBFA



E7FACB

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.



AADFBF



DECBFA



E0D3A3

Square

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



DECBFA



FFC4B7



C5DAAC



8FE0EF

Rectangle

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



DECBFA



FFC2D7



C5DAAC



9AE1CF

Sweetspot

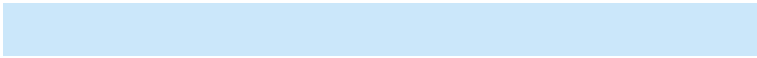
The Sweet Spot groups the original color and five complimentary colors.



DECBFA



F6F0FF



CBE7FA



7A7780



000000



808080

Same Dimension

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



DECBFA



DCC4FF



F5CBFA



76707D



4C00BD



19003D

Inverse Universe

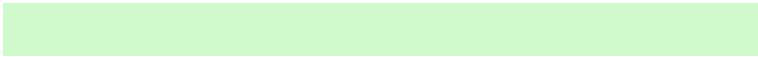
The Inverse Universe completely reimagines the original color for something new.



FACBE7



FFC4E7



D0FACB



7D7078



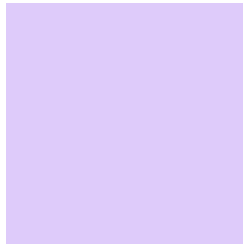
BD0070



3D0024

Previews

White Background



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

Color Contrast Check

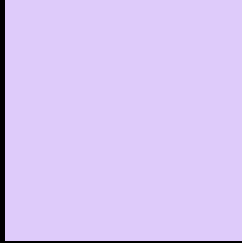
Large Text (above 18pt) WCAG AA × Fail

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 DECBFA looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

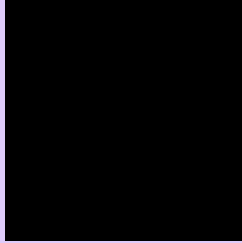
Any Text WCAG AA ✓ Pass

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 DECBFA Background



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

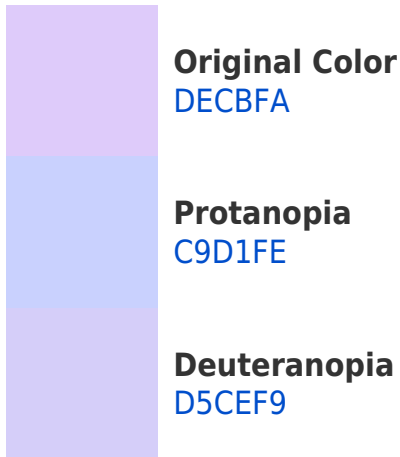


This preview shows how white text looks on a background with the Hex color DECBFA.

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
DAD0E0

Trichromacy



Original Color
DECBFA

Protanomaly
D1CFFD

Deuteranomaly
D8CDF9

Tritanomaly
DBCEE9

Monochromacy



Original Color
DECBFA

Achromatopsia
D6D6D6

Achromatomaly
D9D2E3

CSS Examples

Text

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

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

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 #DECBFA colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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