

Converting Colors

Hex(DEBBEF)

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

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Color

Hex(DEBBEF)

Conversions

Conversions Part 1

Format	Color
Hex	DEBBEF
RGB	222, 187, 239
RGB Percent	87%, 73%, 94%
CMY	0.1294, 0.2667, 0.0627
CMYK	0.07, 0.22, 0.00, 0.06
HSL	280°, 62%, 84%
HSV	280°, 22%, 94%
XYZ	63.4745, 57.3022, 89.3763
YIQ	203.3930, 4.1680, 23.5920

Conversions

Conversions Part 2

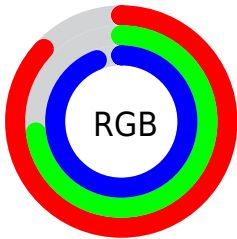
Format	Color
R _Y B	222, 187, 239
Decimal	14597103
CIE Lab	80.35, 21.74, -21.14
CIE LCh	80, 30.329, 315.803
Yxy	57.3022, 0.3020, 0.2727
Android (android.graphics.Color)	4292787183 (0xFFDEBBEF)
YUV	203.3930, 17.5543, 16.3183
Hunter-Lab	75.6982, 17.2040, -17.0145

Details

The Hex color **DEBBEF** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **CCEFBB**, and the grayscale version is **CBCBCB**.

A 20% lighter version of the original color is **FFF3FF**, and **A686B7** is the 20% darker color. If you saturate the color by 10%, you get **D6A3EF**, and if you desaturate by 10%, it is **E6D3EF**.

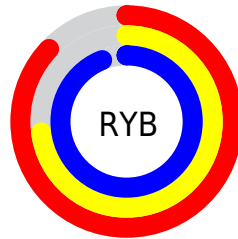
Distribution



Red (87%)

Green (73%)

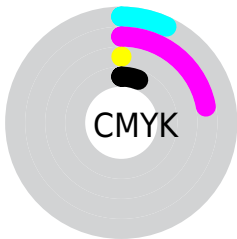
Blue (94%)



Red (87%)

Yellow (73%)

Blue (94%)

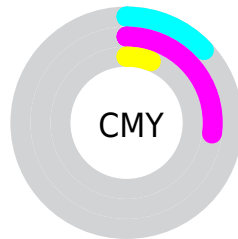


Cyan (7%)

Magenta (22%)

Yellow (0%)

Black (6%)



Cyan (13%)

Magenta (27%)

Yellow (6%)

Brightness & Saturation Gradients

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

 DEBBEF

 DEBBEF

FFFFFF

 C2A0D3

 FFF3FF

 A686B7

 8C6C9C

 725482

 593C69

 412650

 2A1139

 190024

 00000B

 DEBBEF

 DEBBEF

 D6A3EF

 E6D3EF

 CE8BEF

 EEEBEF

 C773EF

 F5FFEF

 BF5BEF

 FDFFEF

 B743EF

 FFFFEF

 AF2CEF

 A714EF

 A100EF

Harmonies

Analogous

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



B9C5FE



DEBBEF



F7B4D6

Triad

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



DEBBEF



E8C191



75D7D6

Complementary

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



DEBBEF



CCEFBB

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.



8CD6B9



DEBBEF



CCCA91

Square

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



DEBBEF



FBB8A0



ACD29F



75D4EF

Rectangle

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



DEBBEF



FFB3C3



ACD29F



7BD7CC

Sweetspot

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



DEBBEF



F9EDFF



BBCCEF



7C7580



000000



808080

Same Dimension

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



DEBBEF



E9BDFE



EFBBE6



746C78



7C00B8



260038

Inverse Universe

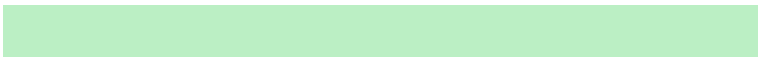
The Inverse Universe completely reimagines the original color for something new.



EFBBCC



FFBDD2



BBEFC4



786C70



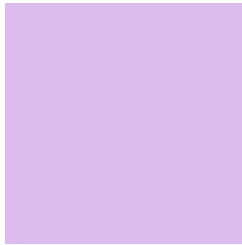
B8003C



380012

Previews

White Background



This preview shows how the Hex color DEBBEF 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 DEBBEF Background



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

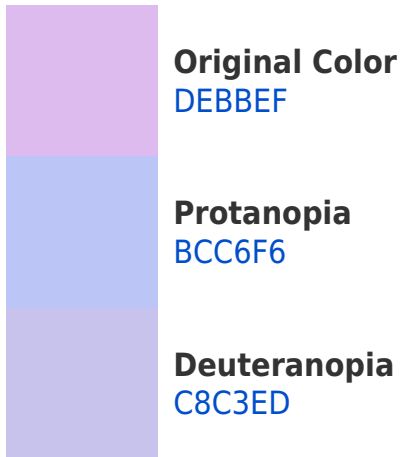


This preview shows how white text looks on a background with the Hex color DEBBEF.

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
D9C1D0

Trichromacy



Original Color
DEBBEF

Protanomaly
C8C2F3

Deuteranomaly
D0C0EE

Tritanomaly
DBBFDB

Monochromacy



Original Color
DEBBEF

Achromatopsia
CBCBCB

Achromatomaly
D2C5D8

CSS Examples

Text

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

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

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 #DEBBEF colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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