

Converting Colors

Hex(DEBEF4)

Have a look what the booklet for
Hex(DEBEF4) contains.

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Color

Hex(DEBEF4)

Conversions

Conversions Part 1

Format	Color
Hex	DEBEF4
RGB	222, 190, 244
RGB Percent	87%, 75%, 96%
CMY	0.1294, 0.2549, 0.0431
CMYK	0.09, 0.22, 0.00, 0.04
HSL	276°, 71%, 85%
HSV	276°, 22%, 96%
XYZ	64.8668, 58.8882, 93.5357
YIQ	205.7240, 1.7380, 23.5780

Conversions

Conversions Part 2

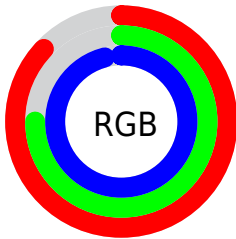
Format	Color
R _Y B	222, 190, 244
Decimal	14597876
CIE Lab	81.23, 21.12, -22.49
CIE LCh	81, 30.849, 313.206
Yxy	58.8882, 0.2985, 0.2710
Android (android.graphics.Color)	4292787956 (0xFFDEBEF4)
YUV	205.7240, 18.8701, 14.2741
Hunter-Lab	76.7386, 16.5926, -18.5507

Details

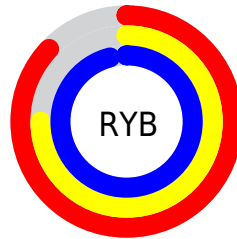
The Hex color **DEBEF4** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **D4F4BE**, and the grayscale version is **CECECE**.

A 20% lighter version of the original color is **FFF6FF**, and **A688BC** is the 20% darker color. If you saturate the color by 10%, you get **D4A6F4**, and if you desaturate by 10%, it is **E8D6F4**.

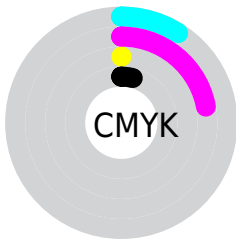
Distribution



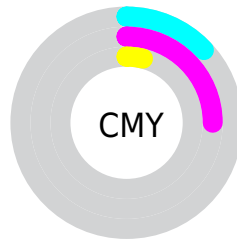
- Red (87%)
- Green (75%)
- Blue (96%)



- Red (87%)
- Yellow (75%)
- Blue (96%)



- Cyan (9%)
- Magenta (22%)
- Yellow (0%)
- Black (4%)



- Cyan (13%)
- Magenta (25%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Hex color DEBEF4 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 DEBEF4 by changing the saturation by 10% instead.

 DEBEF4

FFFFFF

 FFF6FF

 DEBEF4

 C2A3D8

 A688BC

 8C6FA1

 725686

 593F6D

 412854

 2A133D

 180027

 000111

 DEBEF4

 DEBEF4

 D4A6F4

 E8D6F4

 CA8DF4

 F2EFF4

 C075F4

 FCFFF4

 B65CF4

 FFFFF4

 AC44F4

 A22CF4

 9813F4

 9100F4

Harmonies

Analogous

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



B8C8FF



DEBEF4



F9B6DB

Triad

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



DEBEF4



EDC293



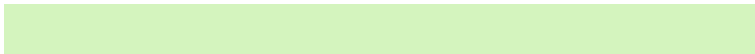
77DAD6

Complementary

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



DEBEF4



D4F4BE

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.



90D9B8



DEBEF4



D2CC91

Square

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



DEBEF4



FFB9A4



B1D49F



74D7F0

Rectangle

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



DEBEF4



FFB5C8



B1D49F



7EDACC

Sweetspot

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



DEBEF4



F8EDFF



BED5F4



7B7580



000000



808080

Same Dimension

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



DEBEF4



E3BAFF



F4BEF0



756E7A



6E00BA



23003B

Inverse Universe

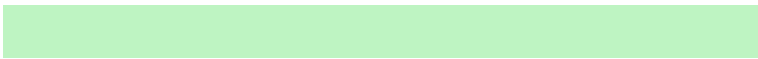
The Inverse Universe completely reimagines the original color for something new.



F4BED4



FFBAD6



BEF4C2



7A6E73



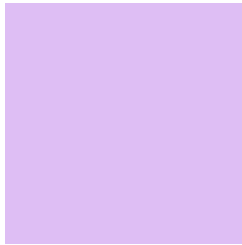
BA004C



3B0018

Previews

White Background



This preview shows how the Hex color DEBEF4 looks on a white background.

Color Contrast Check

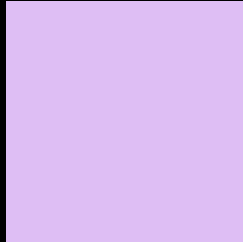
Large Text (above 18pt) WCAG AA × Fail

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 DEBEF4 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 DEBEF4 Background



This preview shows how black text looks on a background with the Hex color DEBEF4.

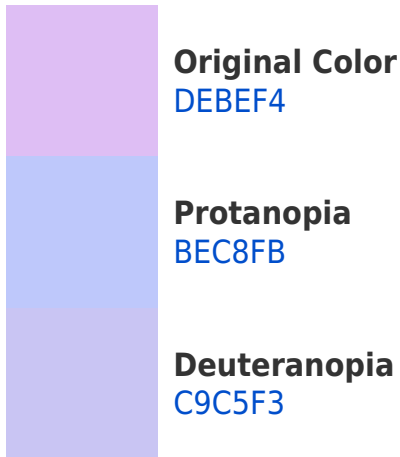


This preview shows how white text looks on a background with the Hex color DEBEF4.

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
D9C4D3

Trichromacy



Original Color
DEBEF4

Protanomaly
CAC4F8

Deuteranomaly
D1C2F3

Tritanomaly
DBC2DF

Monochromacy



Original Color
DEBEF4

Achromatopsia
CECECE

Achromatomaly
D4C8DC

CSS Examples

Text

The CSS property to change the color of the text to Hex DEBEF4 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 #DEBEF4 looks like.

```
.text, #text, p{  
    color:#DEBEF4  
}
```

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 #DEBEF4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DEBEF4
}
```

Border

The CSS property to change the border of an element to Hex DEBEF4 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
#DEBEF4 }
```

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

```
.border{ border-color:#DEBEF4 }
```

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

Here you see how a box with a 4 pixel #DEBEF4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DEBEF4; -webkit-box-shadow:4px 4px  
4px 4px #DEBEF4; box-shadow:4px 4px 4px  
4px #DEBEF4 }
```

Background

The CSS property to change the background color of an element to Hex DEBEF4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DEBEF4 }
```

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

```
.background{ background-color:#DEBEF4 }
```

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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