

Converting Colors

Hex(DEBF89)

Have a look what the booklet for
Hex(DEBF89) contains.

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Color

Hex(DEBF89)

Conversions

Conversions Part 1

Format	Color
Hex	DEBF89
RGB	222, 191, 137
RGB Percent	87%, 75%, 54%
CMY	0.1294, 0.2510, 0.4627
CMYK	0.00, 0.14, 0.38, 0.13
HSL	38°, 56%, 70%
HSV	38°, 38%, 87%
XYZ	53.2704, 54.5973, 31.3976
YIQ	194.1130, 35.8100, -10.2220

Conversions

Conversions Part 2

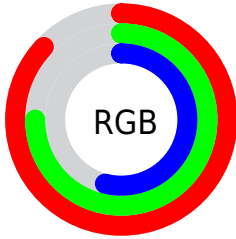
Format	Color
RYB	186, 222, 137
Decimal	14598025
CIELab	78.81, 3.58, 31.33
CIELCh	79, 31.535, 83.475
Yxy	54.5973, 0.3825, 0.3920
Android (android.graphics.Color)	4292788105 (0xFFDEBF89)
YUV	194.1130, -28.1567, 24.4569
Hunter-Lab	73.8900, -0.6195, 26.5293

Details

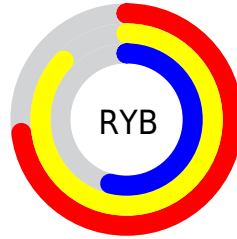
The Hex color **DEBF89** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **89A8DE**, and the grayscale version is **C2C2C2**.

A 20% lighter version of the original color is **FFF7BF**, and **A58A56** is the 20% darker color. If you saturate the color by 10%, you get **DEB773**, and if you desaturate by 10%, it is **DEC79F**.

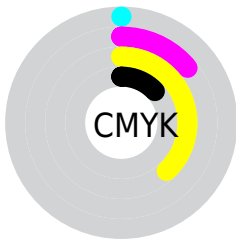
Distribution



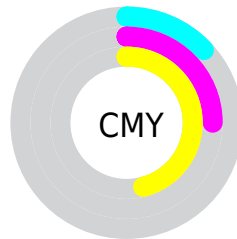
- Red (87%)
- Green (75%)
- Blue (54%)



- Red (73%)
- Yellow (87%)
- Blue (54%)



- Cyan (0%)
- Magenta (14%)
- Yellow (38%)
- Black (13%)



- Cyan (13%)
- Magenta (25%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color DEBF89 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 DEBF89 by changing the saturation by 10% instead.

 DEBF89

 DEBF89

FFFFFF

 C1A46F

 FFF7BF

 A58A56

 FFFFDB

 8A703E

 FFFFF8

 705827

 564111

 3D2B00

 251700

 000000

 DEBF89

 DEBF89

 DEB773

 DEC79F

 DEAF5D

 DECFB5

 DEA746

 DED7CC

 DE9F30

 DEDFE2

 DE971A

 DEE7F8

 DE8E04

 DEF0FF

 DE8D00

 DEF8FF

 DEFFFF

Harmonies

Analogous

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



F4B595



DEBF89



C0C88D

Triad

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



DEBF89



69D3D9



E3B4E6

Complementary

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



DEBF89



89A8DE

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.



BFBEF9



DEBF89



71CFF1

Square

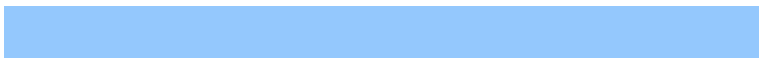
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



DEBF89



7ED3BB



94C8FD



F9AECB

Rectangle

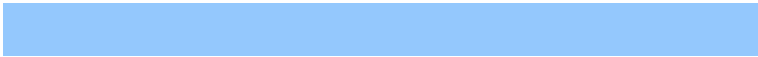
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



DEBF89



AACD98



94C8FD



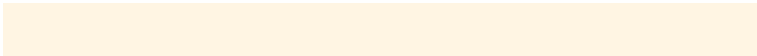
D8B7EE

Sweetspot

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



DEBF89



FFF5E3



DE89A8



80796F



000000



808080

Same Dimension

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



DEBF89



FFD48A



D3DE89



706C65



B07000



301F00

Inverse Universe

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



89A8DE



8AB4FF



9489DE



656970



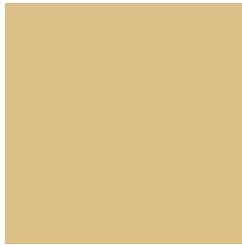
0040B0



001230

Previews

White Background



This preview shows how the Hex color DEBF89 looks on a white background.

Color Contrast Check

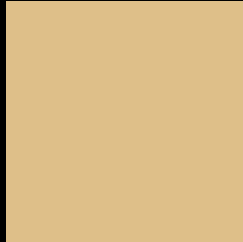
Large Text (above 18pt) WCAG AA × Fail

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 DEBF89 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

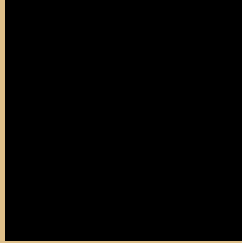
Any Text WCAG AA ✓ Pass

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 DEBF89 Background



This preview shows how black text looks on a background with the Hex color DEBF89.

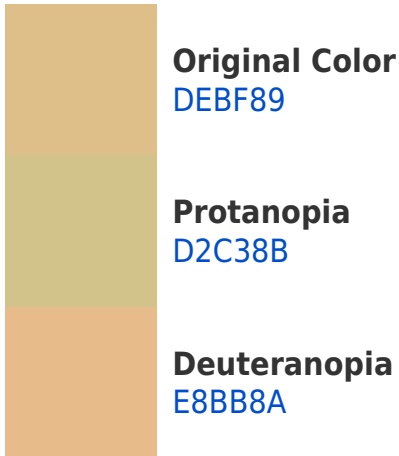


This preview shows how white text looks on a background with the Hex color DEBF89.

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](#).

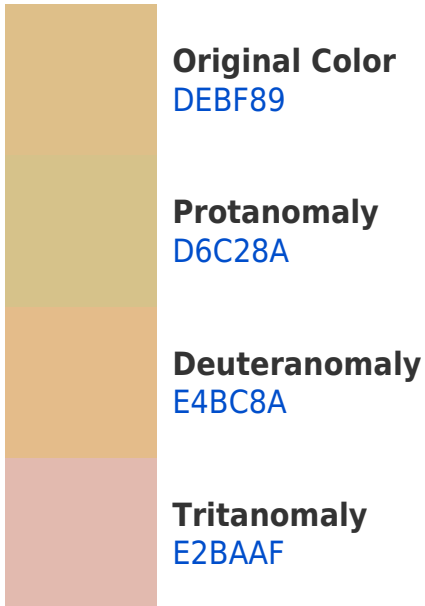
Dichromacy



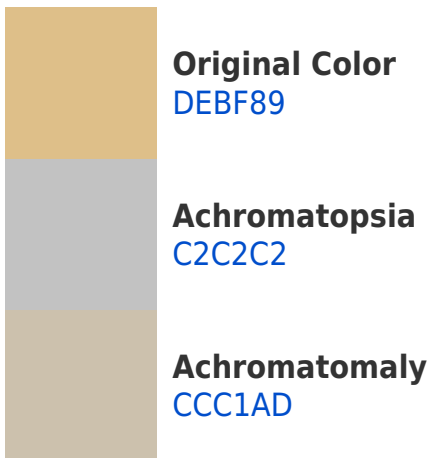


Tritanopia
E4B7C5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DEBF89 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 #DEBF89 looks like.

```
.text, #text, p{  
    color:#DEBF89  
}
```

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 #DEBF89 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DEBF89
}
```

Border

The CSS property to change the border of an element to Hex DEBF89 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
#DEBF89 }
```

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

```
.border{ border-color:#DEBF89 }
```

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

Here you see how a box with a 4 pixel #DEBF89 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DEBF89; -webkit-box-shadow:4px 4px  
4px 4px #DEBF89; box-shadow:4px 4px 4px  
4px #DEBF89 }
```

Background

The CSS property to change the background color of an element to Hex DEBF89 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DEBF89 }
```

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

```
.background{ background-color:#DEBF89 }
```

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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