

# Converting Colors

Hex(DFEBC5)

Have a look what the booklet for  
Hex(DFEBC5) contains.

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# **Color**

**Hex(DFEBC5)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DFEBC5
RGB	223, 235, 197
RGB Percent	87%, 92%, 77%
CMY	0.1255, 0.0784, 0.2275
CMYK	0.05, 0.00, 0.16, 0.08
HSL	79°, 49%, 85%
HSV	79°, 16%, 92%
XYZ	70.2178, 79.1359, 64.3972
YIQ	227.0800, 5.0460, -14.3620

# Conversions

## Conversions Part 2

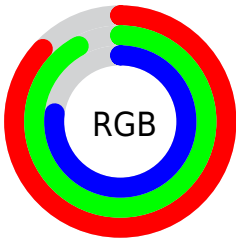
Format	Color
<a href="#">RYB</a>	<a href="#">197, 235, 209</a>
Decimal	<a href="#">14674885</a>
CIELab	<a href="#">91.30, -10.48, 17.11</a>
CIELCh	<a href="#">91, 20.067, 121.485</a>
Yxy	<a href="#">79.1359, 0.3285, 0.3702</a>
Android (android.graphics.Color)	<a href="#">4292864965 (0xFFDFEBC5)</a>
YUV	<a href="#">227.0800, -14.8294, -3.5782</a>
Hunter-Lab	<a href="#">88.9583, -14.7810, 19.3506</a>

# Details

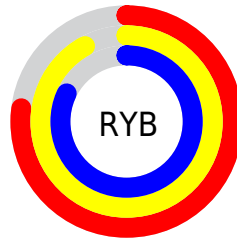
The Hex color **DFEBC5** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **D1C5EB**, and the grayscale version is **E3E3E3**.

A 20% lighter version of the original color is **FFFFFFE**, and **A8B38F** is the 20% darker color. If you saturate the color by 10%, you get **D8EBAE**, and if you desaturate by 10%, it is **E6EBDD**.

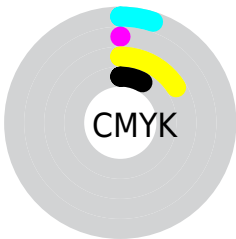
# Distribution



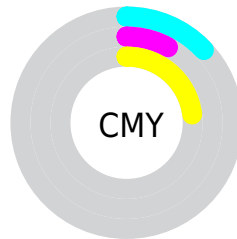
- Red (87%)
- Green (92%)
- Blue (77%)



- Red (77%)
- Yellow (92%)
- Blue (82%)



- Cyan (5%)
- Magenta (0%)
- Yellow (16%)
- Black (8%)



- Cyan (13%)
- Magenta (8%)
- Yellow (23%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DFEB C5 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 DFEB C5 by changing the saturation by 10% instead.



 DFEBBC5

FFFFFFF

FFFFFFE

 DFEBBC5

 C3CFAA

 A8B38F

 8D9975

 737F5D

 5B6645

 434E2E

 2C3719

 192100

 000900

 DFEB C5

 DFEB C5

 D8EB AE

 E6EB DD

 D0EB 96

 EE EB F4

 C9EB 7E

 F5EB FF

 C1EB 67

 FD EB FF

 BAEB 4F

 FF EB FF

 B2EB 38

 ABEB 21

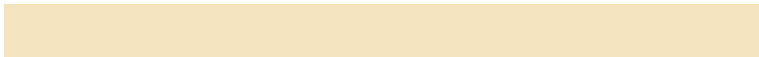
 A4EB 09

 A1EB 00

# Harmonies

## Analogous

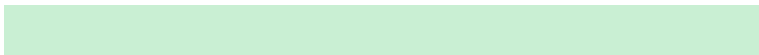
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



F4E5C0



DFEBC5



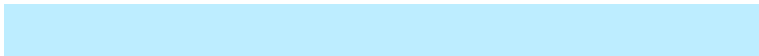
C9EFD3

# Triad

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



DFEBC5



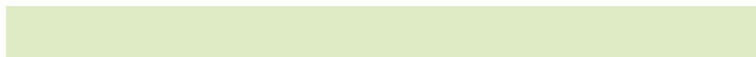
BDEDFF



FFD9E6

# Complementary

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



DFEBC5



D1C5EB

# Split Complementary

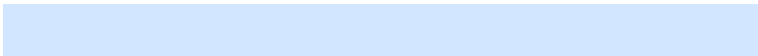
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFDBF9



DFEBC5



D2E7FF

# Square

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



DFEBC5



B3F1F9



EBE1FF



FFDAD3

# Rectangle

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



DFEBC5



BDF1E0



EBE1FF



FFD9EC



# Sweetspot

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



DFEBC5



FBFFF2



EBD0C5



7D8078



000000

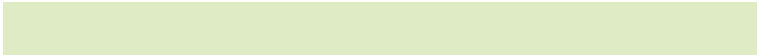


808080

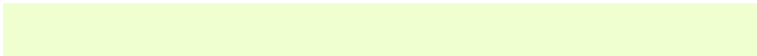


# Same Dimension

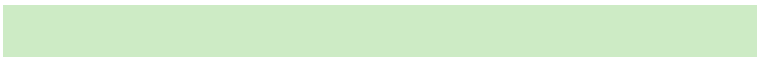
The Same Dimension uses a secret algorithm to generate beautiful new colors.



DFEBC5



F0FFCF



CDEBC5



72756A



7CB500



253600



# Inverse Universe

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



D1C5EB



DECFFF



E3C5EB



6D6A75



3900B5

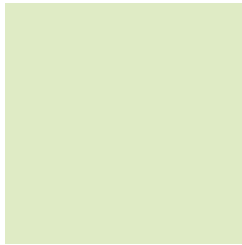


110036



# Previews

## White Background



This preview shows how the Hex color DFEBC5 looks on a white background.

## Color Contrast Check

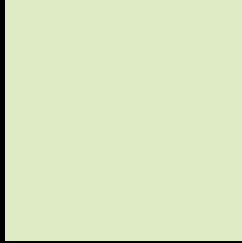
Large Text (above 18pt) WCAG AA × Fail

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 DFEBC5 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

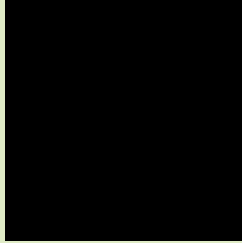
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

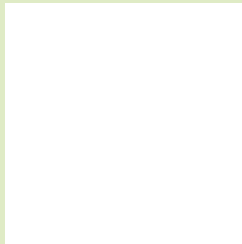
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex DFEBC5 Background



This preview shows how black text looks on a background with the Hex color DFEBC5.

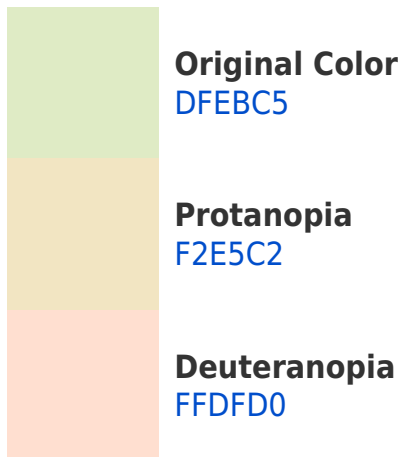


This preview shows how white text looks on a background with the Hex color DFEBC5.

# 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](#).

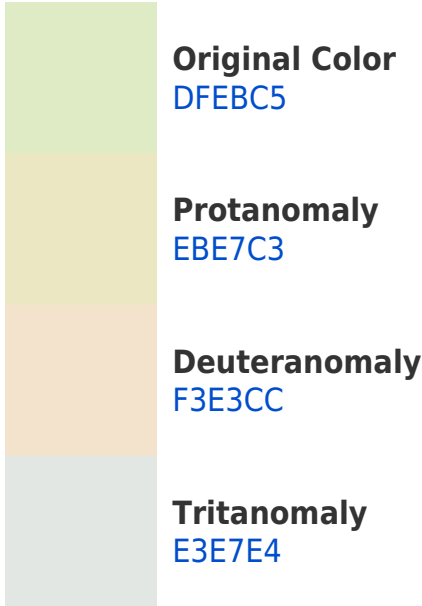
## Dichromacy



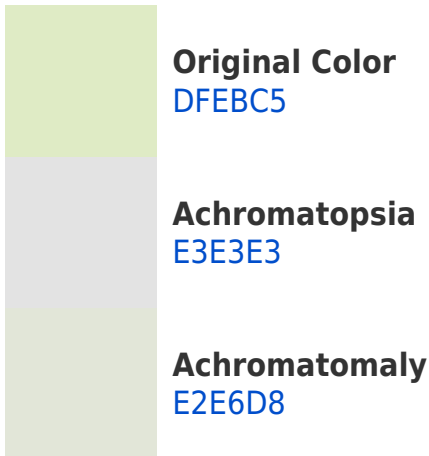


**Tritanopia**  
E6E4F6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex DFEBBC5 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 #DFEBBC5 looks like.

```
.text, #text, p{  
    color:#DFEBBC5  
}
```

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 #DFEBC5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DFEBC5
}
```

## Border

The CSS property to change the border of an element to Hex DFEBC5 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
#DFEBC5 }
```

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

```
.border{ border-color:#DFEBC5 }
```

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

Here you see how a box with a 4 pixel #DFEBC5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DFEBC5; -webkit-box-shadow:4px 4px  
4px 4px #DFEBC5; box-shadow:4px 4px 4px  
4px #DFEBC5 }
```

# Background

The CSS property to change the background color of an element to Hex DFEBC5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DFEBC5 }
```

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

```
.background{ background-color:#DFEBC5 }
```

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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