

# Converting Colors

Hex(DBF4C5)

Have a look what the booklet for  
Hex(DBF4C5) contains.

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# **Color**

**Hex(DBF4C5)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	DBF4C5
RGB	219, 244, 197
RGB Percent	86%, 96%, 77%
CMY	0.1412, 0.0431, 0.2275
CMYK	0.10, 0.00, 0.19, 0.04
HSL	92°, 68%, 86%
HSV	92°, 19%, 96%
XYZ	71.6421, 83.7927, 65.2210
YIQ	231.1670, 0.1870, -19.9170

# Conversions

## Conversions Part 2

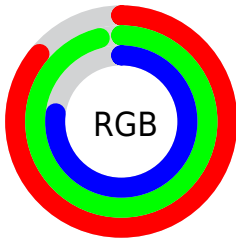
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	197, 244, 222
Decimal	14415045
CIE <sub>Lab</sub>	93.36, -16.34, 19.96
CIE <sub>LCh</sub>	93, 25.797, 129.312
Yxy	83.7927, 0.3247, 0.3797
Android (android.graphics.Color)	4292605125 (0xFFDBF4C5)
YUV	231.1670, -16.8443, -10.6705
Hunter-Lab	91.5383, -20.4897, 21.8328

# Details

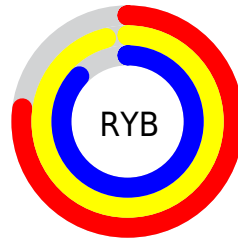
The Hex color **DBF4C5** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **DEC5F4**, and the grayscale version is **E7E7E7**.

A 20% lighter version of the original color is **FFFFFFE**, and **A4BC8F** is the 20% darker color. If you saturate the color by 10%, you get **CEF4AD**, and if you desaturate by 10%, it is **E8F4DD**.

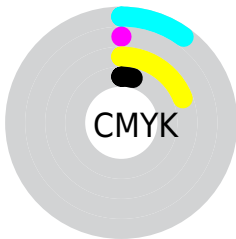
# Distribution



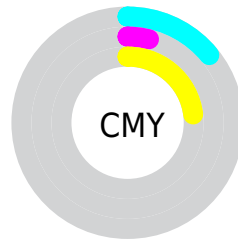
- Red (86%)
- Green (96%)
- Blue (77%)



- Red (77%)
- Yellow (96%)
- Blue (87%)



- Cyan (10%)
- Magenta (0%)
- Yellow (19%)
- Black (4%)



- Cyan (14%)
- Magenta (4%)
- Yellow (23%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DBF4C5 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 DBF4C5 by changing the saturation by 10% instead.



 DBF4C5

FFFFFF

FFFFFFE

 DBF4C5

 BFD8AA

 A4BC8F

 89A175

 70865C

 576D45

 3F552E

 283D18

 142700

 001400

 DBF4C5

 DBF4C5

 CEF4AD

 E8F4DD

 C1F494

 F5F4F6

 B4F47C

 FFF4FF

 A7F463

 9AF44B

 8DF433

 80F41A

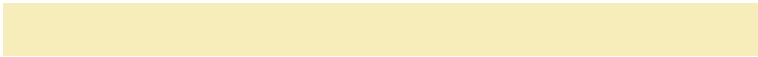
 73F402

 72F400

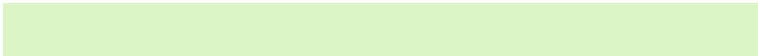
# Harmonies

## Analogous

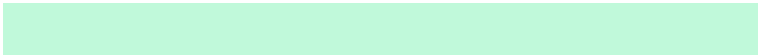
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



F7EDBB



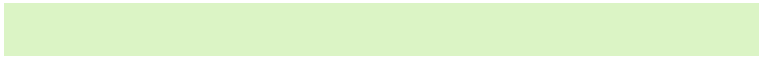
DBF4C5



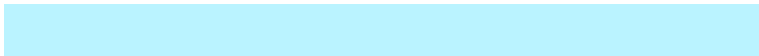
C0F9DA

# Triad

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



DBF4C5



BAF3FF



FFDAE5

# Complementary

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



DBF4C5



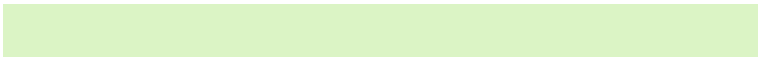
DEC5F4

# Split Complementary

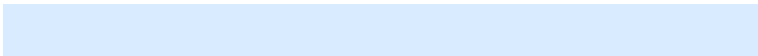
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFDCFE



DBF4C5



D9ECFF

# Square

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



DBF4C5



A9F8FF



FAE3FF



FFDDCE

# Rectangle

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



DBF4C5



B1FAEA



FAE3FF

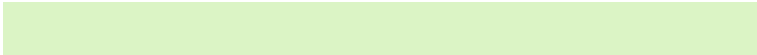


FFDAED



# Sweetspot

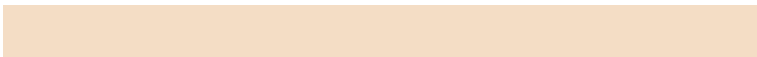
The Sweet Spot groups the original color and five complimentary colors.



DBF4C5



F7FFF0



F4DDC5



7B8077



000000

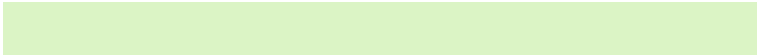


808080

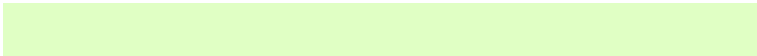


# Same Dimension

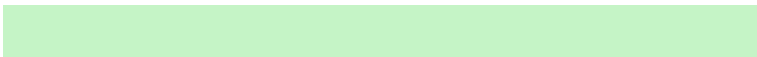
The Same Dimension uses a secret algorithm to generate beautiful new colors.



DBF4C5



E0FFC4



C5F4C6



747A6E



57BA00



1B3B00



# Inverse Universe

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



DEC5F4



E4C4FF



F4C5F3



756E7A



6300BA

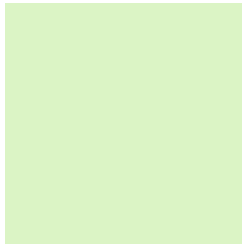


1F003B



# Previews

## White Background



This preview shows how the Hex color DBF4C5 looks on a white background.

## Color Contrast Check

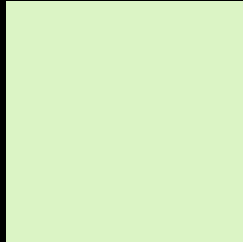
Large Text (above 18pt) WCAG AA × Fail

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 DBF4C5 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

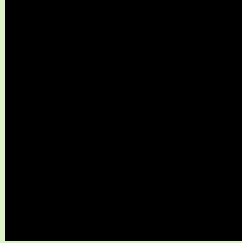
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

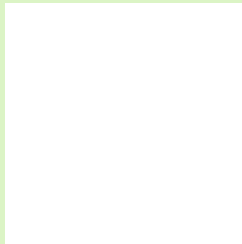
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex DBF4C5 Background



This preview shows how black text looks on a background with the Hex color DBF4C5.

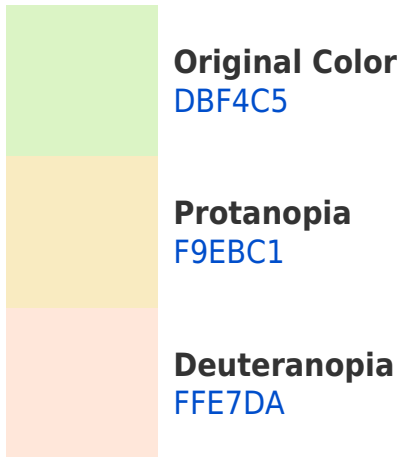


This preview shows how white text looks on a background with the Hex color DBF4C5.

# 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](#).

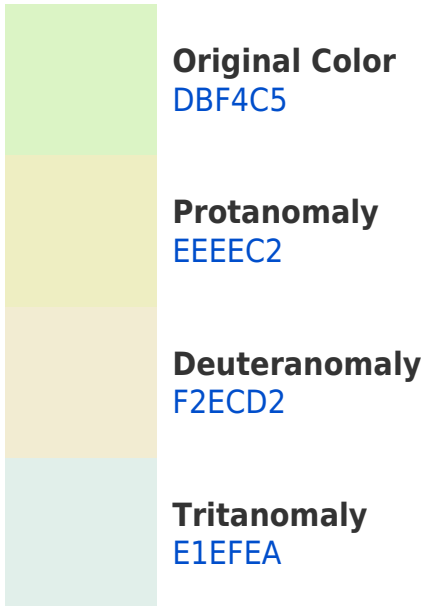
## Dichromacy





**Tritanopia**  
E4ECFF

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex DBF4C5 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 #DBF4C5 looks like.

```
.text, #text, p{  
    color:#DBF4C5  
}
```

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 #DBF4C5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DBF4C5 }  
}
```

## Border

The CSS property to change the border of an element to Hex DBF4C5 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 #DBF4C5 }  
}
```

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

```
.border{ border-color:#DBF4C5 }
```

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

Here you see how a box with a 4 pixel #DBF4C5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DBF4C5; -webkit-box-shadow:4px 4px  
4px 4px #DBF4C5; box-shadow:4px 4px 4px  
4px #DBF4C5 }
```

# Background

The CSS property to change the background color of an element to Hex DBF4C5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DBF4C5 }
```

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

```
.background{ background-color:#DBF4C5 }
```

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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