

# Converting Colors

Hex(DBF5C8)

Have a look what the booklet for  
Hex(DBF5C8) contains.

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# **Color**

**Hex(DBF5C8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DBF5C8
RGB	219, 245, 200
RGB Percent	86%, 96%, 78%
CMY	0.1412, 0.0392, 0.2157
CMYK	0.11, 0.00, 0.18, 0.04
HSL	95°, 69%, 87%
HSV	95°, 18%, 96%
XYZ	72.2912, 84.5350, 67.1503
YIQ	232.0960, -1.0510, -19.5070

# Conversions

## Conversions Part 2

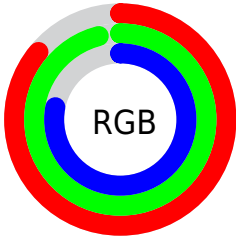
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">200, 245, 226</a>
Decimal	<a href="#">14415304</a>
CIELab	<a href="#">93.68, -16.36, 18.87</a>
CIELCh	<a href="#">94, 24.975, 130.930</a>
Yxy	<a href="#">84.5350, 0.3228, 0.3774</a>
Android (android.graphics.Color)	<a href="#">4292605384 (0xFFDBF5C8)</a>
YUV	<a href="#">232.0960, -15.8233, -11.4852</a>
Hunter-Lab	<a href="#">91.9429, -20.5525, 21.0577</a>

# Details

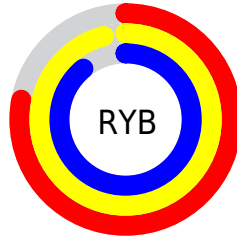
The Hex color **DBF5C8** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **E2C8F5**, and the grayscale version is **E8E8E8**.

A 20% lighter version of the original color is **FFFFFF**, and **A4BD92** is the 20% darker color. If you saturate the color by 10%, you get **CDF5B0**, and if you desaturate by 10%, it is **E9F5E0**.

# Distribution



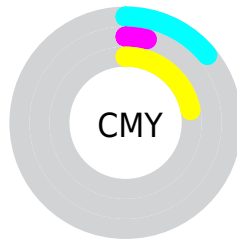
- Red (86%)
- Green (96%)
- Blue (78%)



- Red (78%)
- Yellow (96%)
- Blue (89%)



- Cyan (11%)
- Magenta (0%)
- Yellow (18%)
- Black (4%)



- Cyan (14%)
- Magenta (4%)
- Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DBF5C8 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 DBF5C8 by changing the saturation by 10% instead.



 DBF5C8

FFFFFF

 DBF5C8

 BFD9AD

 A4BD92

 89A278

 70875F

 576E47

 3F5630

 283E1B

 142802

 001500

 DBF5C8

 DBF5C8

 CDF5B0

 E9F5E0

 BFF597

 F7F5F9

 B1F57F

 FFF5FF

 A2F566

 94F54E

 86F535

 78F51C

 6AF504

 67F500

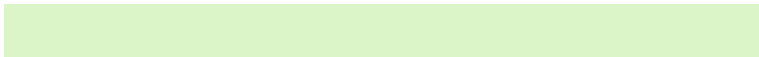
# Harmonies

## Analogous

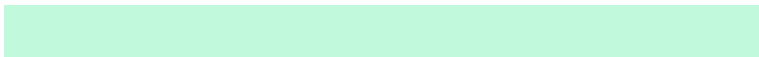
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



F6EEBE



DBF5C8



C1F9DC

# Triad

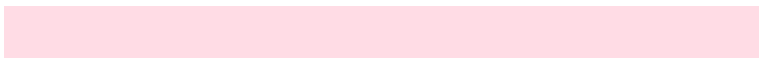
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



DBF5C8



BFF4FF



FFDCE5

# Complementary

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



DBF5C8



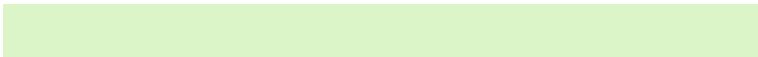
E2C8F5

# Split Complementary

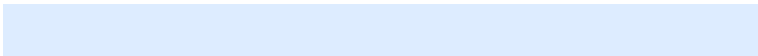
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFDEFD



DBF5C8



DDECFF

# Square

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



DBF5C8



ADF9FF



FCE4FF



FFDFCE

# Rectangle

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



DBF5C8



B3FBED



FCE4FF

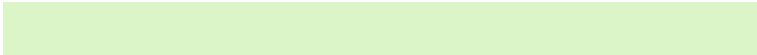


FFDCED



# Sweetspot

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



DBF5C8



F6FFF0



F5E2C8



7A8077



000000

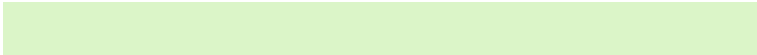


808080

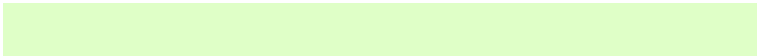


# Same Dimension

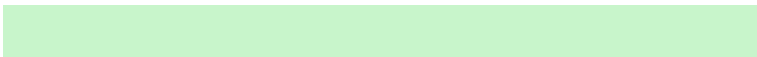
The Same Dimension uses a secret algorithm to generate beautiful new colors.



DBF5C8



DFFFC7



C8F5CB



737A6E



4FBA00



193B00



# Inverse Universe

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



E2C8F5



E7C7FF



F5C8F2



756E7A



6C00BA

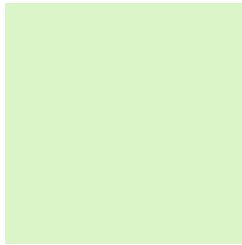


22003B



# Previews

## White Background



This preview shows how the Hex color DBF5C8 looks on a white background.

## Color Contrast Check

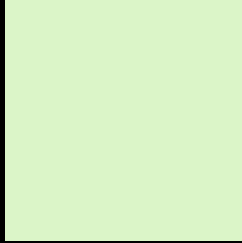
Large Text (above 18pt) WCAG AA × Fail

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 DBF5C8 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

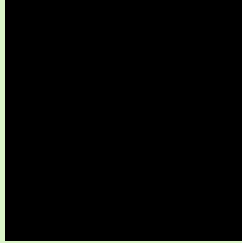
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

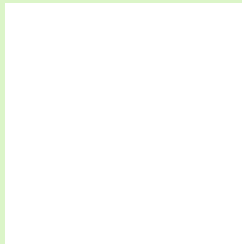
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex DBF5C8 Background



This preview shows how black text looks on a background with the Hex color DBF5C8.

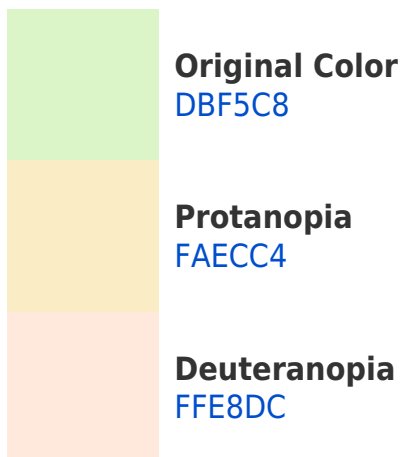


This preview shows how white text looks on a background with the Hex color DBF5C8.

# 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



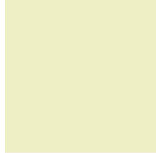


**Tritanopia**  
E4EDFF

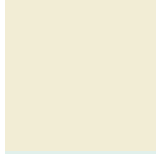
# Trichromacy



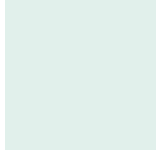
**Original Color**  
DBF5C8



**Protanomaly**  
EFEFC5

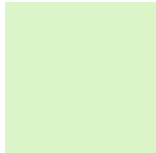


**Deuteranomaly**  
F2EDD5

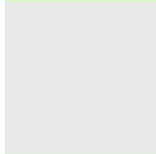


**Tritanomaly**  
E1F0EB

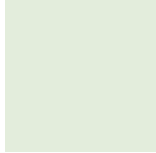
# Monochromacy



**Original Color**  
DBF5C8



**Achromatopsia**  
E8E8E8



**Achromatomaly**  
E3EDDC

# CSS Examples

## Text

The CSS property to change the color of the text to Hex DBF5C8 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 #DBF5C8 looks like.

```
.text, #text, p{  
    color:#DBF5C8  
}
```

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 #DBF5C8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DBF5C8 }  
}
```

## Border

The CSS property to change the border of an element to Hex DBF5C8 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 #DBF5C8 }  
}
```

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

```
.border{ border-color:#DBF5C8 }
```

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

Here you see how a box with a 4 pixel #DBF5C8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DBF5C8; -webkit-box-shadow:4px 4px  
4px 4px #DBF5C8; box-shadow:4px 4px 4px  
4px #DBF5C8 }
```

# Background

The CSS property to change the background color of an element to Hex DBF5C8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DBF5C8 }
```

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

```
.background{ background-color:#DBF5C8 }
```

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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