

Converting Colors

Hex(DBF9E5)

Have a look what the booklet for
Hex(DBF9E5) contains.

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Color

Hex(DBF9E5)

Conversions

Conversions Part 1

Format	Color
Hex	DBF9E5
RGB	219, 249, 229
RGB Percent	86%, 98%, 90%
CMY	0.1412, 0.0235, 0.1020
CMYK	0.12, 0.00, 0.08, 0.02
HSL	140°, 71%, 92%
HSV	140°, 12%, 98%
XYZ	77.2320, 88.4686, 87.1343
YIQ	237.7500, -11.4600, -12.5800

Conversions

Conversions Part 2

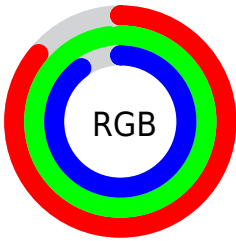
Format	Color
R _Y B	219, 242, 249
Decimal	14416357
CIE Lab	95.36, -13.41, 6.31
CIE LCh	95, 14.826, 154.798
Yxy	88.4686, 0.3055, 0.3499
Android (android.graphics.Color)	4292606437 (0xFFDBF9E5)
YUV	237.7500, -4.3137, -16.4437
Hunter-Lab	94.0577, -18.0325, 10.9146

Details

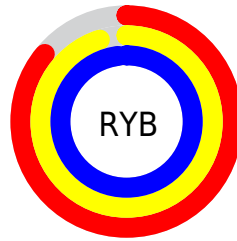
The Hex color **DBF9E5** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **F9DBEF**, and the grayscale version is **EEEEEE**.

A 20% lighter version of the original color is **FFFFFF**, and **A4C1AE** is the 20% darker color. If you saturate the color by 10%, you get **C2F9D4**, and if you desaturate by 10%, it is **F4F9F6**.

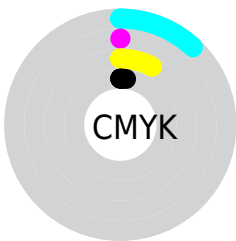
Distribution



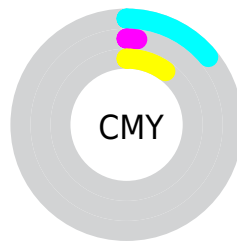
- Red (86%)
- Green (98%)
- Blue (90%)



- Red (86%)
- Yellow (95%)
- Blue (98%)



- Cyan (12%)
- Magenta (0%)
- Yellow (8%)
- Black (2%)



- Cyan (14%)
- Magenta (2%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Hex color DBF9E5 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 DBF9E5 by changing the saturation by 10% instead.

 DBF9E5

FFFFFF

 DBF9E5

 BFDCC9

 A4C1AE

 89A593

 708B79

 577160

 3F5949

 294132

 132B1D

 001804

 DBF9E5

 DBF9E5

 C2F9D4

 F4F9F6

 A9F9C4

 FFF9FF

 90F9B3

 77F9A3

 5EF992

 46F981

 2DF971

 14F960

 00F953

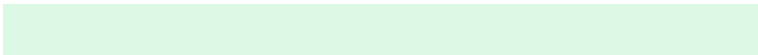
Harmonies

Analogous

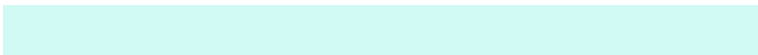
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



EBF6DA



DBF9E5



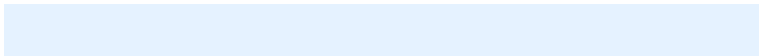
D0FAF3

Triad

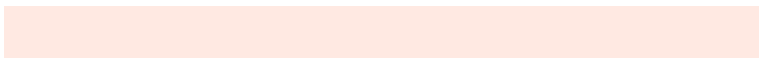
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



DBF9E5



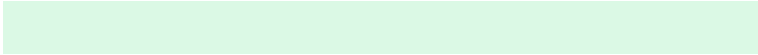
E5F2FF



FFE9E2

Complementary

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



DBF9E5



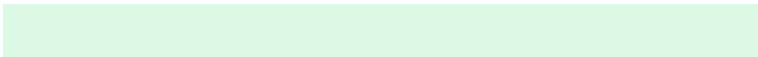
F9DBEF

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.



FFE8F0



DBF9E5



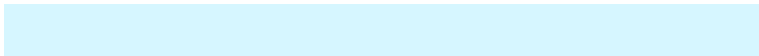
F7EDFF

Square

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



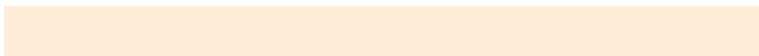
DBF9E5



D6F6FF



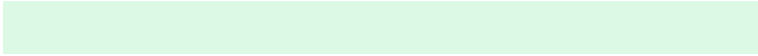
FFE9FE



FFEDD8

Rectangle

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



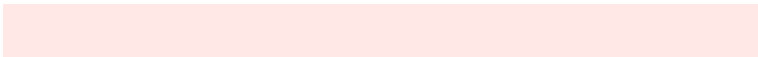
DBF9E5



CDFAFD



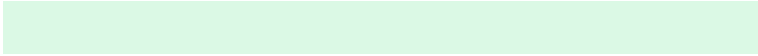
FFE9FE



FFE8E6

Sweetspot

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



DBF9E5



F5FFF8



EFF9DB



79807B



000000



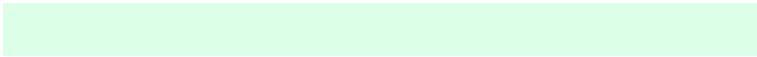
808080

Same Dimension

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



DBF9E5



DBFFE7



DBF9F4



707D75



00BD3F



003D14

Inverse Universe

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



F9DBEF



FFDBF3



F9DBE0



7D7079



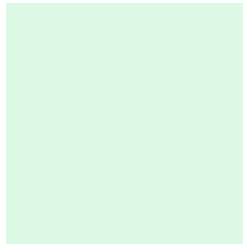
BD007E



3D0029

Previews

White Background



This preview shows how the Hex color DBF9E5 looks on a white background.

Color Contrast Check

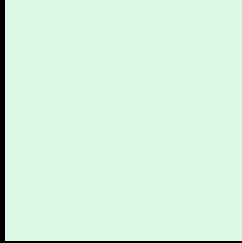
Large Text (above 18pt) WCAG AA × Fail

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 DBF9E5 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

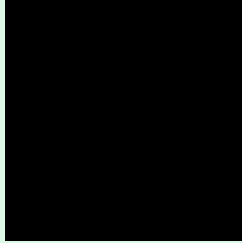
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

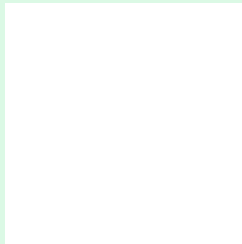
Any Text WCAG AAA ✓ Pass

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

Hex DBF9E5 Background



This preview shows how black text looks on a background with the Hex color DBF9E5.

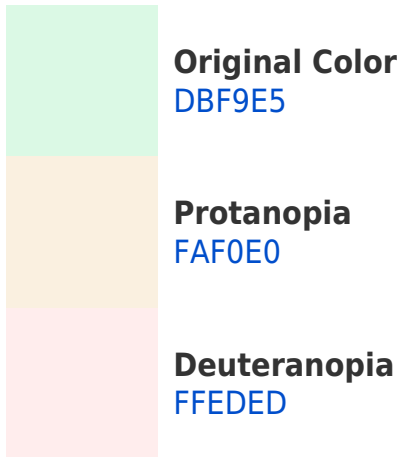


This preview shows how white text looks on a background with the Hex color DBF9E5.

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



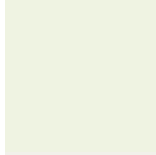


Tritanopia
E7F3FF

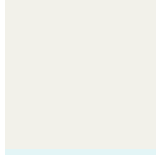
Trichromacy



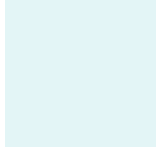
Original Color
DBF9E5



Protanomaly
EFF3E2



Deuteranomaly
F2F1EA

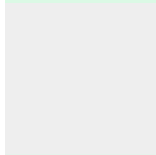


Tritanomaly
E3F5F6

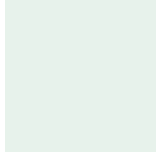
Monochromacy



Original Color
DBF9E5



Achromatopsia
EEEEEE



Achromatomaly
E7F2EB

CSS Examples

Text

The CSS property to change the color of the text to Hex DBF9E5 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 #DBF9E5 looks like.

```
.text, #text, p{  
    color:#DBF9E5  
}
```

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 #DBF9E5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DBF9E5  
}
```

Border

The CSS property to change the border of an element to Hex DBF9E5 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  
#DBF9E5 }
```

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

```
.border{ border-color:#DBF9E5 }
```

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

Here you see how a box with a 4 pixel #DBF9E5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DBF9E5; -webkit-box-shadow:4px 4px  
4px 4px #DBF9E5; box-shadow:4px 4px 4px  
4px #DBF9E5 }
```

Background

The CSS property to change the background color of an element to Hex DBF9E5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DBF9E5 }
```

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

```
.background{ background-color:#DBF9E5 }
```

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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