

Converting Colors

Hex(DBF4F8)

Have a look what the booklet for
Hex(DBF4F8) contains.

Hex(DBF4F8)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(DBF4F8)

Conversions

Conversions Part 1	
Format	Color
Hex	DBF4F8
RGB	219, 244, 248
RGB Percent	86%, 96%, 97%
CMY	0.1412, 0.0431, 0.0275
CMYK	0.12, 0.02, 0.00, 0.03
HSL	188°, 67%, 92%
HSV	188°, 12%, 97%
XYZ	78.5074, 86.5387, 101.3728
YIQ	236.9810, -16.1840, -4.0560

Conversions

Conversions Part 2

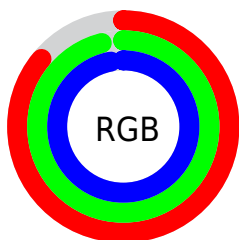
Format	Color
RYB	219, 232, 248
Decimal	14415096
CIELab	94.54, -7.34, -4.70
CIELCh	95, 8.720, 212.627
Yxy	86.5387, 0.2947, 0.3248
Android (android.graphics.Color)	4292605176 (0xFFDBF4F8)
YUV	236.9810, 5.4324, -15.7693
Hunter-Lab	93.0262, -12.1548, 0.5087

Details

The Hex color **DBF4F8** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **F8DFDB**, and the grayscale version is **EDEDED**.

A 20% lighter version of the original color is **FFFFFF**, and **A4BCC0** is the 20% darker color. If you saturate the color by 10%, you get **C2F1F8**, and if you desaturate by 10%, it is **F4F7F8**.

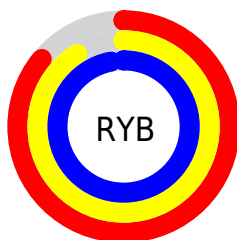
Distribution



Red (86%)

Green (96%)

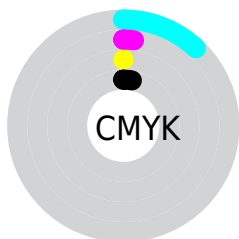
Blue (97%)



Red (86%)

Yellow (91%)

Blue (97%)

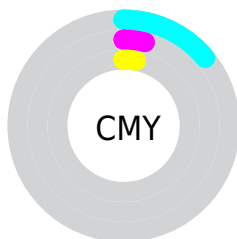


Cyan (12%)

Magenta (2%)

Yellow (0%)

Black (3%)



Cyan (14%)

Magenta (4%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Hex color DBF4F8 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 DBF4F8 by changing the saturation by 10% instead.

 DBF4F8

FFFFFF

 DBF4F8

 BFD8DB

 A4BCC0

 89A1A5

 70878A

 576D71

 3F5558

 293E41

 13282B

 001417

 DBF4F8 DBF4F8 C2F1F8 F4F7F8 A9EDF8 FFFBF8 91EAF8 FFFEF8 78E6F8 FFFFF8 5FE3F8 46DFF8 2DDCF8 15D9F8 00D6F8

Harmonies

Analogous

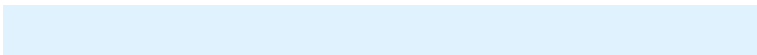
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



DCF4F0



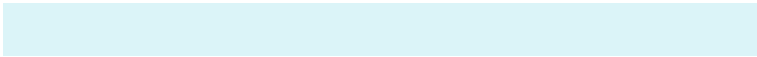
DBF4F8



DFF2FE

Triad

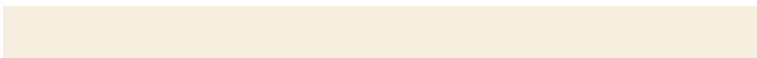
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



DBF4F8



FBEBF7



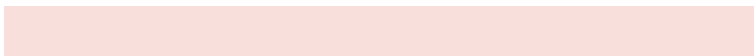
F6EFDf

Complementary

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



DBF4F8



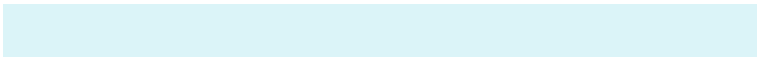
F8DFDB

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.



FEECE1



DBF4F8



FFEAEF

Square

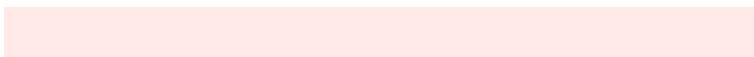
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



DBF4F8



F2EDFD



FFEAE7



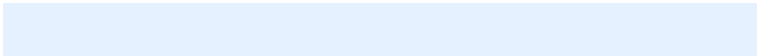
ECF2E1

Rectangle

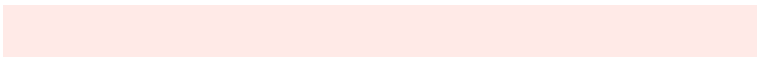
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



DBF4F8



E5F1FF



FFEAE7



F9EEDF

Sweetspot

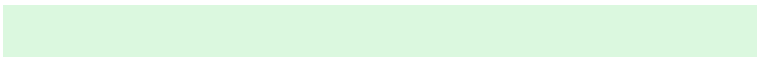
The Sweet Spot groups the original color and five complimentary colors.



DBF4F8



F5FEFF



DBF8DF



797F80



000000



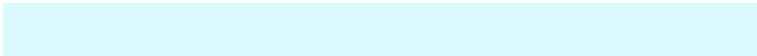
808080

Same Dimension

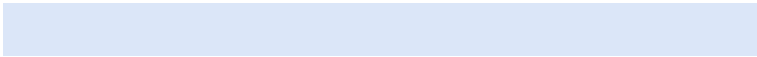
The Same Dimension uses a secret algorithm to generate beautiful new colors.



DBF4F8



DBFAFF



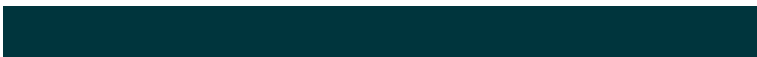
DBE6F8



707B7D



00A3BD



00353D

Inverse Universe

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



F8DBF4



FFDBFA



F8EDDB



7D707B



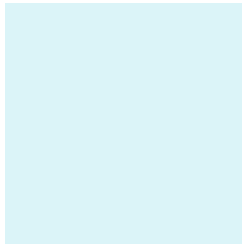
BD00A3



3D0035

Previews

White Background



This preview shows how the Hex color DBF4F8 looks on a white background.

Color Contrast Check

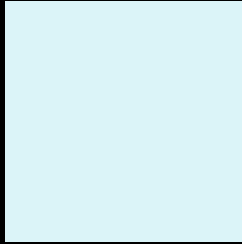
Large Text (above 18pt) WCAG AA × Fail

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 DBF4F8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

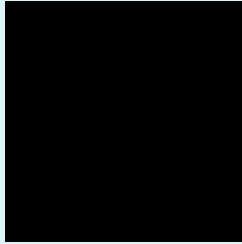
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

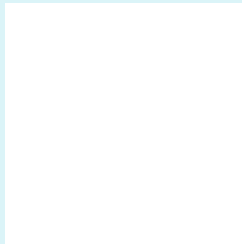
Any Text WCAG AAA ✓ Pass

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

Hex DBF4F8 Background



This preview shows how black text looks on a background with the Hex color DBF4F8.

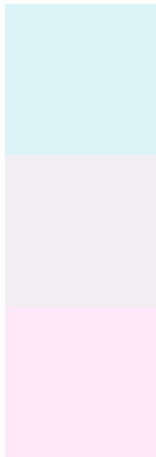


This preview shows how white text looks on a background with the Hex color DBF4F8.

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



Original Color
DBF4F8

Protanopia
F2EEF4

Deuteranopia
FFE9F9

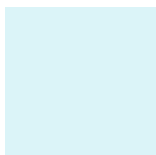
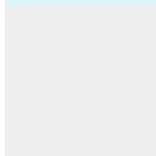
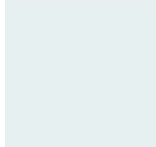


Tritanopia
E3F1FF

Trichromacy

	Original Color DBF4F8
	Protanomaly EAF0F5
	Deuteranomaly F2EDF9
	Tritanomaly E0F2FC

Monochromacy

	Original Color DBF4F8
	Achromatopsia EDEDED
	Achromatomaly E6F0F1

CSS Examples

Text

The CSS property to change the color of the text to Hex DBF4F8 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 #DBF4F8 looks like.

```
.text, #text, p{  
    color:#DBF4F8  
}
```

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 #DBF4F8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DBF4F8
}
```

Border

The CSS property to change the border of an element to Hex DBF4F8 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
#DBF4F8 }
```

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

```
.border{ border-color:#DBF4F8 }
```

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

Here you see how a box with a 4 pixel #DBF4F8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DBF4F8; -webkit-box-shadow:4px 4px  
4px 4px #DBF4F8; box-shadow:4px 4px 4px  
4px #DBF4F8 }
```

Background

The CSS property to change the background color of an element to Hex DBF4F8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DBF4F8 }
```

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

```
.background{ background-color:#DBF4F8 }
```

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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