

Converting Colors

Hex(DCF5C8)

Have a look what the booklet for
Hex(DCF5C8) contains.

Hex(DCF5C8)	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(DCF5C8)

Conversions

Conversions Part 1

Format	Color
Hex	DCF5C8
RGB	220, 245, 200
RGB Percent	86%, 96%, 78%
CMY	0.1373, 0.0392, 0.2157
CMYK	0.10, 0.00, 0.18, 0.04
HSL	93°, 69%, 87%
HSV	93°, 18%, 96%
XYZ	72.5929, 84.6906, 67.1644
YIQ	232.3950, -0.4550, -19.2950

Conversions

Conversions Part 2

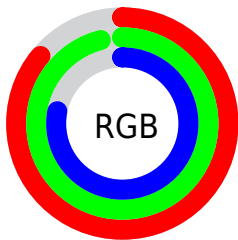
Format	Color
RYB	200, 245, 225
Decimal	14480840
CIELab	93.75, -16.02, 18.97
CIELCh	94, 24.830, 130.173
Yxy	84.6906, 0.3234, 0.3773
Android (android.graphics.Color)	4292670920 (0xFFDCF5C8)
YUV	232.3950, -15.9707, -10.8704
Hunter-Lab	92.0275, -20.2441, 21.1476

Details

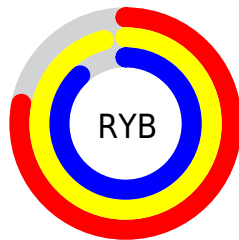
The Hex color **DCF5C8** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **E1C8F5**, and the grayscale version is **E9E9E9**.

A 20% lighter version of the original color is **FFFFFF**, and **A5BD92** is the 20% darker color. If you saturate the color by 10%, you get **CEF5B0**, and if you desaturate by 10%, it is **EAF5E0**.

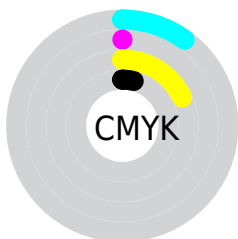
Distribution



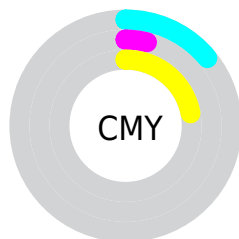
- Red (86%)
- Green (96%)
- Blue (78%)



- Red (78%)
- Yellow (96%)
- Blue (88%)



- Cyan (10%)
- Magenta (0%)
- Yellow (18%)
- Black (4%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color DCF5C8 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 DCF5C8 by changing the saturation by 10% instead.

 DCF5C8

FFFFFF

 DCF5C8

 C0D9AD

 A5BD92

 8AA278

 70875F

 586E47

 405630

 293E1B

 142802

 001500

 DCF5C8

 DCF5C8

 CEF5B0

 EAF5E0

 C1F597

 F7F5F9

 B3F57F

 FFF5FF

 A6F566

 98F54E

 8AF535

 7DF51C

 6FF504

 6DF500

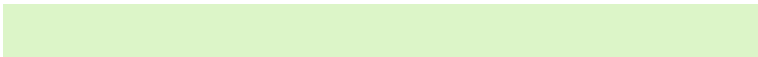
Harmonies

Analogous

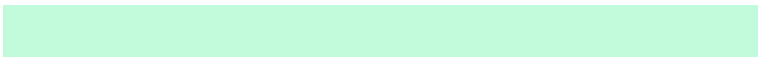
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



F7EEBE



DCF5C8



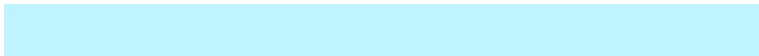
C2FADC

Triad

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



DCF5C8



BEF4FF



FFDCE6

Complementary

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



DCF5C8



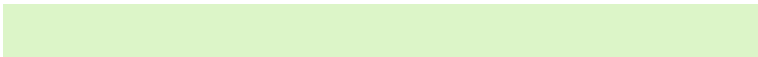
E1C8F5

Split Complementary

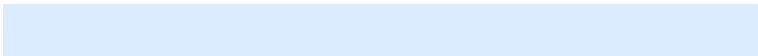
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFDEFE



DCF5C8



DCECFF

Square

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



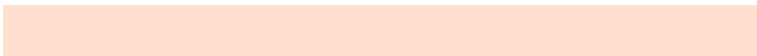
DCF5C8



ADF9FF



FBE4FF



FFDFCF

Rectangle

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



DCF5C8



B4FBEC



FBE4FF



FFDCEE

Sweetspot

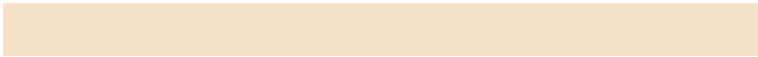
The Sweet Spot groups the original color and five complimentary colors.



DCF5C8



F7FFF0



F5E1C8



7B8077



000000



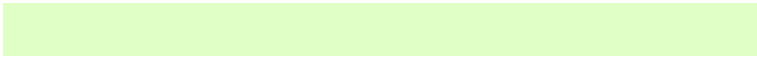
808080

Same Dimension

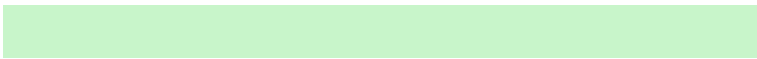
The Same Dimension uses a secret algorithm to generate beautiful new colors.



DCF5C8



E0FFC7



C8F5CA



747A6E



53BA00



1A3B00

Inverse Universe

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



E1C8F5



E6C7FF



F5C8F3



756E7A



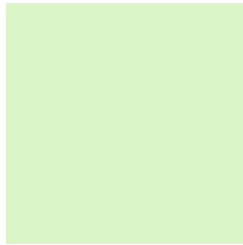
6700BA



21003B

Previews

White Background



This preview shows how the Hex color DCF5C8 looks on a white background.

Color Contrast Check

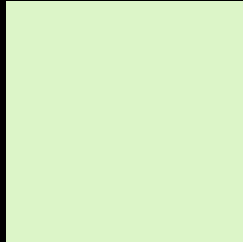
Large Text (above 18pt) WCAG AA × Fail

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 DCF5C8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

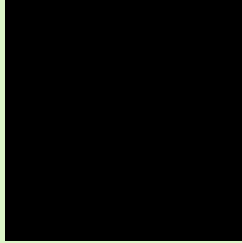
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

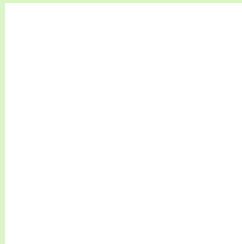
Any Text WCAG AAA ✓ Pass

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

Hex DCF5C8 Background



This preview shows how black text looks on a background with the Hex color DCF5C8.

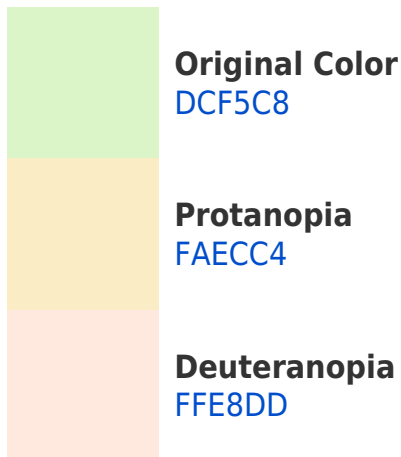


This preview shows how white text looks on a background with the Hex color DCF5C8.

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



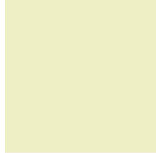


Tritanopia
E5EDFF

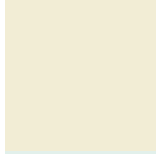
Trichromacy



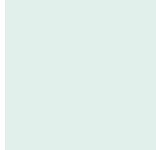
Original Color
DCF5C8



Protanomaly
EFEFC5

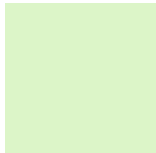


Deuteranomaly
F2EDD5

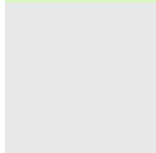


Tritanomaly
E2F0EB

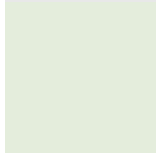
Monochromacy



Original Color
DCF5C8



Achromatopsia
E8E8E8



Achromatomaly
E4EDDC

CSS Examples

Text

The CSS property to change the color of the text to Hex DCF5C8 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 #DCF5C8 looks like.

```
.text, #text, p{  
    color:#DCF5C8  
}
```

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 #DCF5C8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DCF5C8 }  
}
```

Border

The CSS property to change the border of an element to Hex DCF5C8 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 #DCF5C8 }  
}
```

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

```
.border{ border-color:#DCF5C8 }
```

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

Here you see how a box with a 4 pixel #DCF5C8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DCF5C8; -webkit-box-shadow:4px 4px  
4px 4px #DCF5C8; box-shadow:4px 4px 4px  
4px #DCF5C8 }
```

Background

The CSS property to change the background color of an element to Hex DCF5C8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DCF5C8 }
```

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

```
.background{ background-color:#DCF5C8 }
```

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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