

Converting Colors

Hex(DCFB9C)

Have a look what the booklet for
Hex(DCFB9C) contains.

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Color

Hex(DCFB9C)

Conversions

Conversions Part 1

Format	Color
Hex	DCFB9C
RGB	220, 251, 156
RGB Percent	86%, 98%, 61%
CMY	0.1373, 0.0157, 0.3882
CMYK	0.12, 0.00, 0.38, 0.02
HSL	80°, 92%, 80%
HSV	80°, 38%, 98%
XYZ	70.0131, 86.6103, 44.4799
YIQ	230.9010, 12.0190, -36.1170

Conversions

Conversions Part 2

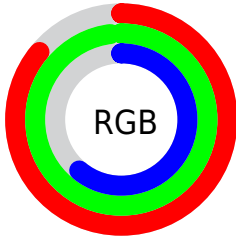
Format	Color
RYB	156, 251, 187
Decimal	14482332
CIELab	94.57, -25.04, 42.24
CIELCh	95, 49.110, 120.662
Yxy	86.6103, 0.3481, 0.4307
Android (android.graphics.Color)	4292672412 (0xFFDCFB9C)
YUV	230.9010, -36.9262, -9.5602
Hunter-Lab	93.0647, -28.5765, 36.8079

Details

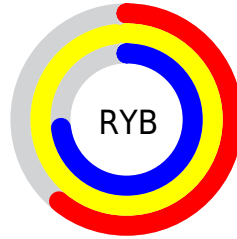
The Hex color **DCFB9C** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **BB9CFB**, and the grayscale version is **E7E7E7**.

A 20% lighter version of the original color is **FFFFD3**, and **A4C267** is the 20% darker color. If you saturate the color by 10%, you get **D4FB83**, and if you desaturate by 10%, it is **E4FBB5**.

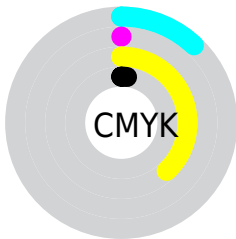
Distribution



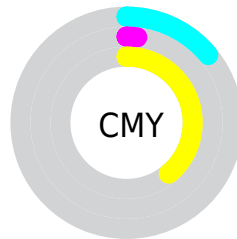
- Red (86%)
- Green (98%)
- Blue (61%)



- Red (61%)
- Yellow (98%)
- Blue (73%)



- Cyan (12%)
- Magenta (0%)
- Yellow (38%)
- Black (2%)



- Cyan (14%)
- Magenta (2%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Hex color DCFB9C 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 DCFB9C by changing the saturation by 10% instead.

 DCFB9C

FFFFFF

 FFFFD3

 FFFFF0

 DCFB9C

 C0DE81

 A4C267

 88A74E

 6E8D35

 54731B

 3B5A00

 234300

 062C00

 001900

 DCFB9C

 DCFB9C

 D4FB83

 E4FBB5

 CCFB6A

 ECFBCE

 C3FB51

 F5FBE7

 BBFB38

 FDFBFF

 B3FB1F

 FFFBFF

 ABFB05

 A9FB00

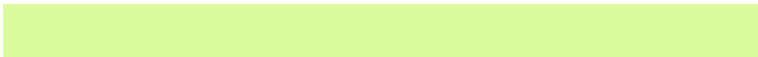
Harmonies

Analogous

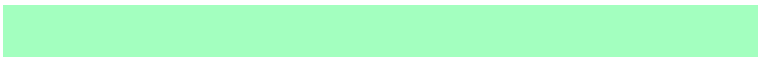
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFED90



DCFB9C



A3FFBF

Triad

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



DCFB9C



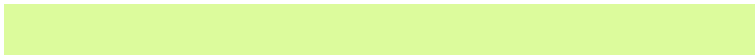
54FFFF



FFCAF0

Complementary

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



DCFB9C



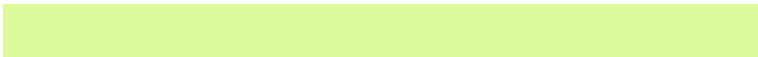
BB9CFB

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.



FFD3FF



DCFB9C



ACF4FF

Square

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



DCFB9C



14FFFF



F6E3FF



FFCFC1

Rectangle

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



DCFB9C



78FFDE



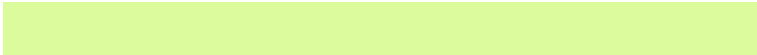
F6E3FF



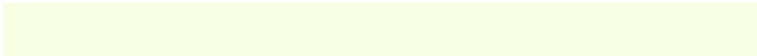
FFCCFF

Sweetspot

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



DCFB9C



F6FFE3



FBBA9C



7A806F



000000



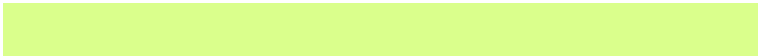
808080

Same Dimension

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



DCFB9C



DAFF8C



ADFB9C



797D70



7FBD00



293D00

Inverse Universe

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



BB9CFB



B28CFF



EA9CFB



75707D



3E00BD



14003D

Previews

White Background



This preview shows how the Hex color DCFB9C 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 DCFB9C looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

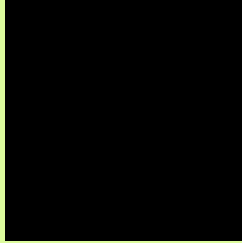
Any Text WCAG AA ✓ Pass

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 DCFB9C Background



This preview shows how black text looks on a background with the Hex color DCFB9C.

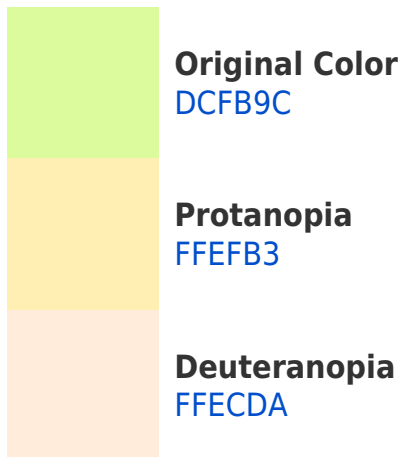


This preview shows how white text looks on a background with the Hex color DCFB9C.

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



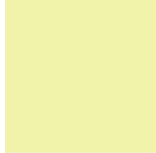


Tritanopia
EAEFFF

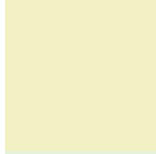
Trichromacy



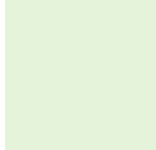
Original Color
DCFB9C



Protanomaly
F2F3AB



Deuteranomaly
F2F1C3

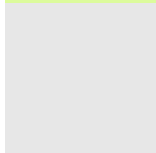


Tritanomaly
E5F3DB

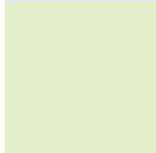
Monochromacy



Original Color
DCFB9C



Achromatopsia
E7E7E7



Achromatomaly
E3EECC

CSS Examples

Text

The CSS property to change the color of the text to Hex DCFB9C 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 #DCFB9C looks like.

```
.text, #text, p{  
    color:#DCFB9C  
}
```

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 #DCFB9C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DCFB9C
}
```

Border

The CSS property to change the border of an element to Hex DCFB9C 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
#DCFB9C }
```

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

```
.border{ border-color:#DCFB9C }
```

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

Here you see how a box with a 4 pixel #DCFB9C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DCFB9C; -webkit-box-shadow:4px 4px  
4px 4px #DCFB9C; box-shadow:4px 4px 4px  
4px #DCFB9C }
```

Background

The CSS property to change the background color of an element to Hex DCFB9C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DCFB9C }
```

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

```
.background{ background-color:#DCFB9C }
```

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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