

Converting Colors

Hex(DBF09B)

Have a look what the booklet for
Hex(DBF09B) contains.

Hex(DBF09B)	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(DBF09B)

Conversions

Conversions Part 1

Format	Color
Hex	DBF09B
RGB	219, 240, 155
RGB Percent	86%, 94%, 61%
CMY	0.1412, 0.0588, 0.3922
CMYK	0.09, 0.00, 0.35, 0.06
HSL	75°, 74%, 77%
HSV	75°, 35%, 94%
XYZ	66.2899, 79.7468, 42.9092
YIQ	224.0310, 14.7690, -30.8870

Conversions

Conversions Part 2

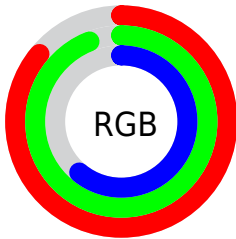
Format	Color
RYB	155, 240, 176
Decimal	14413979
CIELab	91.57, -20.26, 38.84
CIElCh	92, 43.802, 117.548
Yxy	79.7468, 0.3508, 0.4221
Android (android.graphics.Color)	4292604059 (0xFFDBF09B)
YUV	224.0310, -34.0323, -4.4122
Hunter-Lab	89.3011, -23.7729, 34.0219

Details

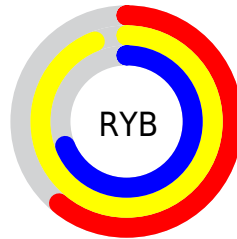
The Hex color **DBF09B** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **B09BF0**, and the grayscale version is **E0E0E0**.

A 20% lighter version of the original color is **FFFD2**, and **A3B867** is the 20% darker color. If you saturate the color by 10%, you get **D5F083**, and if you desaturate by 10%, it is **E1F0B3**.

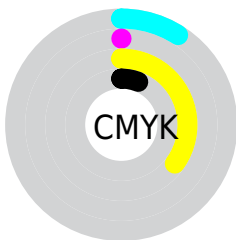
Distribution



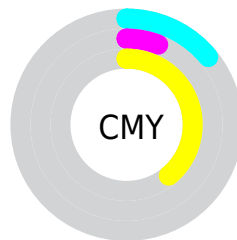
- Red (86%)
- Green (94%)
- Blue (61%)



- Red (61%)
- Yellow (94%)
- Blue (69%)



- Cyan (9%)
- Magenta (0%)
- Yellow (35%)
- Black (6%)



- Cyan (14%)
- Magenta (6%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Hex color DBF09B 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 DBF09B by changing the saturation by 10% instead.

 DBF09B

FFFFFF

 FFFFD2

 FFFFEF

 DBF09B

 BFD480

 A3B867

 889D4D

 6E8335

 546A1C

 3B5201

 243A00

 092500

 000B00

 DBF09B

 DBF09B

 D5F083

 E1F0B3

 CFF06B

 E7F0CB

 C9F053

 EDF0E3

 C3F03B

 F3F0FB

 BDF023

 F9F0FF

 B7F00B

 FFF0FF

 B5F000

Harmonies

Analogous

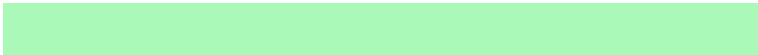
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFE392



DBF09B



AAF9B8

Triad

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



DBF09B



64F7FF



FFC7EC

Complementary

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



DBF09B



B09BF0

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.



FFCFFF



DBF09B



A6ECFF

Square

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



DBF09B



4CFDFF



E7DDFF



FFC9C2

Rectangle

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



DBF09B



87FCD3



E7DDFF



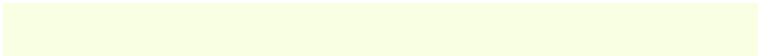
FFC8FA

Sweetspot

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



DBF09B



F8FFE3



F0AF9B



7B806F



000000



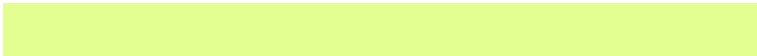
808080

Same Dimension

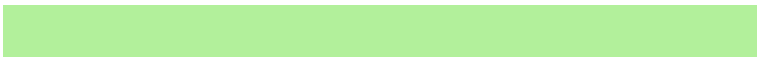
The Same Dimension uses a secret algorithm to generate beautiful new colors.



DBF09B



E4FF91



B2F09B



75786C



8AB800



2A3800

Inverse Universe

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



B09BF0



AC91FF



D99BF0



6F6C78



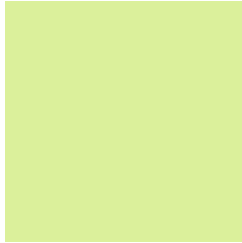
2D00B8



0E0038

Previews

White Background



This preview shows how the Hex color DBF09B looks on a white background.

Color Contrast Check

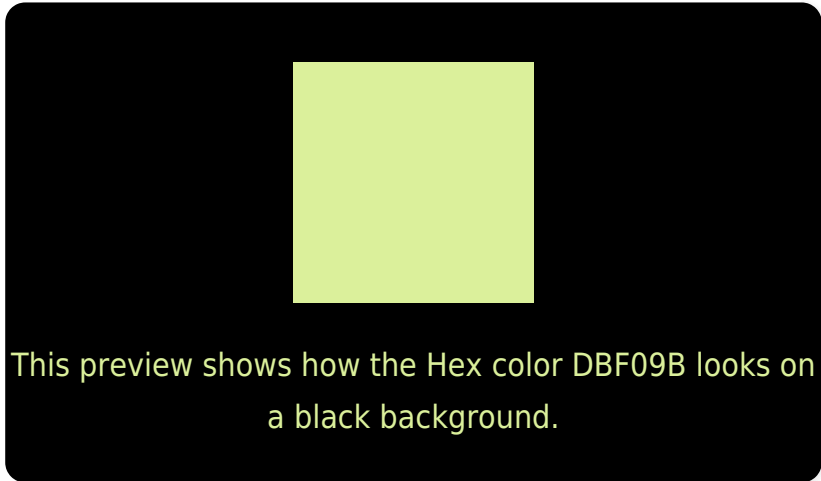
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

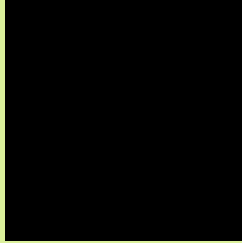
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

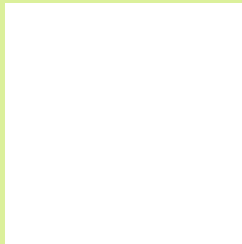
Any Text WCAG AAA ✓ Pass

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

Hex DBF09B Background



This preview shows how black text looks on a background with the Hex color DBF09B.

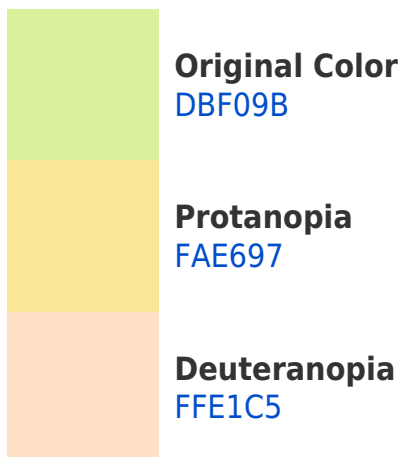


This preview shows how white text looks on a background with the Hex color DBF09B.

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](#).

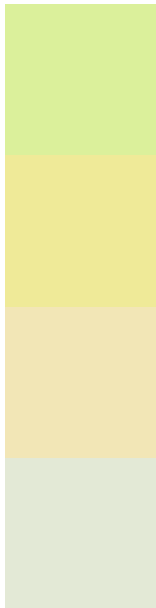
Dichromacy





Tritanopia
E7E5F7

Trichromacy



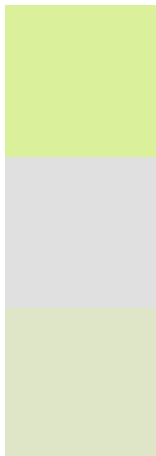
Original Color
DBF09B

Protanomaly
EFEA98

Deuteranomaly
F2E6B6

Tritanomaly
E3E9D6

Monochromacy



Original Color
DBF09B

Achromatopsia
E0E0E0

Achromatomaly
DEE6C7

CSS Examples

Text

The CSS property to change the color of the text to Hex DBF09B 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 #DBF09B looks like.

```
.text, #text, p{  
    color:#DBF09B  
}
```

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 #DBF09B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DBF09B
}
```

Border

The CSS property to change the border of an element to Hex DBF09B 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
#DBF09B }
```

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

```
.border{ border-color:#DBF09B }
```

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

Here you see how a box with a 4 pixel #DBF09B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DBF09B; -webkit-box-shadow:4px 4px  
4px 4px #DBF09B; box-shadow:4px 4px 4px  
4px #DBF09B }
```

Background

The CSS property to change the background color of an element to Hex DBF09B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DBF09B }
```

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

```
.background{ background-color:#DBF09B }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor