

# Converting Colors

Hex(DFB391)

Have a look what the booklet for  
Hex(DFB391) contains.

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# **Color**

**Hex(DFB391)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DFB391
RGB	223, 179, 145
RGB Percent	87%, 70%, 57%
CMY	0.1255, 0.2980, 0.4314
CMYK	0.00, 0.20, 0.35, 0.13
HSL	26°, 55%, 72%
HSV	26°, 35%, 87%
XYZ	51.6624, 49.9725, 33.7108
YIQ	188.2800, 37.1380, -1.2460

# Conversions

## Conversions Part 2

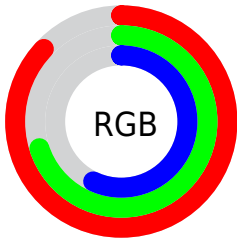
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	223, 205, 145
Decimal	14660497
CIE Lab	76.05, 11.27, 23.41
CIE LCh	76, 25.984, 64.285
Yxy	49.9725, 0.3817, 0.3692
Android (android.graphics.Color)	4292850577 (0xFFDFB391)
YUV	188.2800, -21.3370, 30.4494
Hunter-Lab	70.6912, 6.7412, 21.2100

# Details

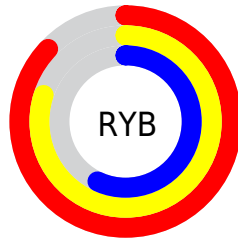
The Hex color **DFB391** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **91BDDF**, and the grayscale version is **BCBCBC**.

A 20% lighter version of the original color is **FFEBC7**, and **A67E5E** is the 20% darker color. If you saturate the color by 10%, you get **DFA67B**, and if you desaturate by 10%, it is **DFC0A7**.

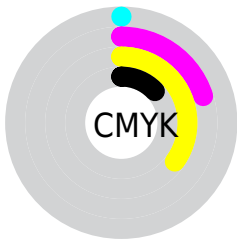
# Distribution



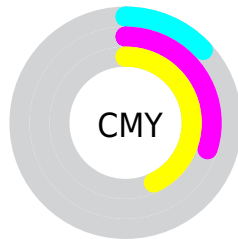
- Red (87%)
- Green (70%)
- Blue (57%)



- Red (87%)
- Yellow (80%)
- Blue (57%)



- Cyan (0%)
- Magenta (20%)
- Yellow (35%)
- Black (13%)



- Cyan (13%)
- Magenta (30%)
- Yellow (43%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DFB391 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 DFB391 by changing the saturation by 10% instead.



 DFB391

 DFB391

FFFFFF


 C29877

 FFEBC7

 A67E5E

 FFFFE3

 8B6546

 714D30

 57361A

 3E2101

 260C00

 000000

 DFB391

 DFB391

 DFA67B

 DFC0A7

 DF9A64

 DFCCBE

 DF8D4E

 DFD9D4

 DF8138

 DFE5EA

 DF7422

 DFF2FF

 DF680B

 DFFEFF

 DF6100

 DFFFFFF

# Harmonies

## Analogous

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



EBADA2



DFB391



CABB8C

# Triad

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



DFB391



7EC9BE



C4B4E3

# Complementary

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



DFB391



91BDDF

# 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.



A3BDEB



DFB391



76C8D6

# Square

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



DFB391



94C7A6



85C4E6



DDADD1

# Rectangle

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



DFB391



B9C08F



85C4E6



B9B7E7



# Sweetspot

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



DFB391



FFF1E6



DF91BD



807770



000000



808080



# Same Dimension

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



DFB391



FFC394



DFDA91



706A65



B04D00



301500

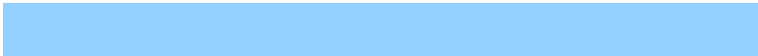


# Inverse Universe

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



91BDDF



94D0FF



9196DF



656B70



0063B0



001B30



# Previews

## White Background



This preview shows how the Hex color DFB391 looks on a white background.

## Color Contrast Check

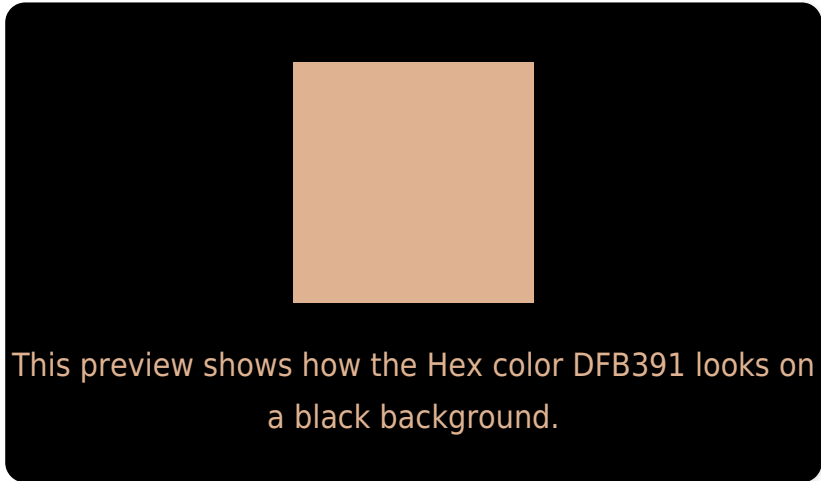
Large Text (above 18pt) WCAG AA × Fail

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

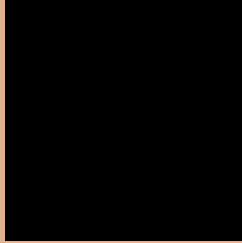
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex DFB391 Background



This preview shows how black text looks on a background with the Hex color DFB391.



This preview shows how white text looks on a background with the Hex color DFB391.

# 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**  
E3ADBB

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex DFB391 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 #DFB391 looks like.

```
.text, #text, p{  
    color:#DFB391  
}
```

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 #DFB391 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DFB391
}
```

## Border

The CSS property to change the border of an element to Hex DFB391 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
#DFB391 }
```

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

```
.border{ border-color:#DFB391 }
```

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

Here you see how a box with a 4 pixel #DFB391 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DFB391; -webkit-box-shadow:4px 4px  
4px 4px #DFB391; box-shadow:4px 4px 4px  
4px #DFB391 }
```

# Background

The CSS property to change the background color of an element to Hex DFB391 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DFB391 }
```

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

```
.background{ background-color:#DFB391 }
```

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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