

# Converting Colors

Hex(DFC491)

Have a look what the booklet for  
Hex(DFC491) contains.

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# **Color**

**Hex(DFC491)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DFC491
RGB	223, 196, 145
RGB Percent	87%, 77%, 57%
CMY	0.1255, 0.2314, 0.4314
CMYK	0.00, 0.12, 0.35, 0.13
HSL	39°, 55%, 72%
HSV	39°, 35%, 87%
XYZ	55.2822, 57.2122, 34.9174
YIQ	198.2590, 32.4630, -10.1370

# Conversions

## Conversions Part 2

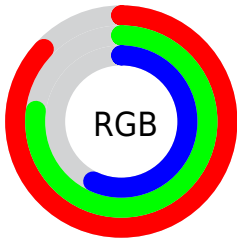
Format	Color
<a href="#">RYB</a>	<a href="#">186, 223, 145</a>
Decimal	<a href="#">14664849</a>
CIELab	<a href="#">80.30, 2.29, 29.14</a>
CIElCh	<a href="#">80, 29.226, 85.512</a>
Yxy	<a href="#">57.2122, 0.3750, 0.3881</a>
Android (android.graphics.Color)	<a href="#">4292854929 (0xFFDFC491)</a>
YUV	<a href="#">198.2590, -26.2567, 21.6979</a>
Hunter-Lab	<a href="#">75.6387, -1.9072, 25.5768</a>

# Details

The Hex color **DFC491** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **91ACDF**, and the grayscale version is **C6C6C6**.

A 20% lighter version of the original color is **FFFDC7**, and **A78E5E** is the 20% darker color. If you saturate the color by 10%, you get **DFBC7B**, and if you desaturate by 10%, it is **DFCCA7**.

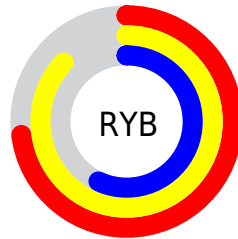
# Distribution



Red (87%)

Green (77%)

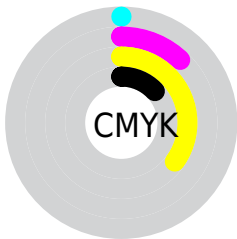
Blue (57%)



Red (73%)

Yellow (87%)

Blue (57%)

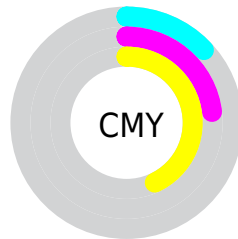


Cyan (0%)

Magenta (12%)

Yellow (35%)

Black (13%)



Cyan (13%)

Magenta (23%)

Yellow (43%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DFC491 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 DFC491 by changing the saturation by 10% instead.



 DFC491

 DFC491

FFFFFF


 C2A977

 FFFDC7

 A78E5E

 FFFFEE3

 8B7546

 715C2F

 574518

 3F2F00

 271A00

 080000

 000000

 DFC491

 DFC491

 DFBC7B

 DFCCA7

 DFB564

 DFD3BE

 DFAD4E

 DFDBD4

 DFA538

 DFE3EA

 DF9D22

 DFEBFF

 DF960B

 DFF2FF

 DF9200

 DFFAFF

 DFFFFF

# Harmonies

## Analogous

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



F4BB9B



DFC491



C2CD95

# Triad

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



DFC491



76D6DE



E6B9E6

# Complementary

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



DFC491



91ACDF

# 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.



C6C2F8



DFC491



7FD2F3

# Square

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



DFC491



86D6C2



A0CBFD



FAB4CC

# Rectangle

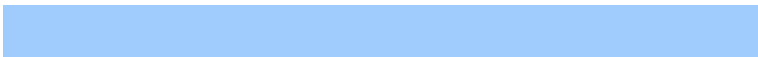
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



DFC491



AED1A0



A0CBFD



DDBBEE

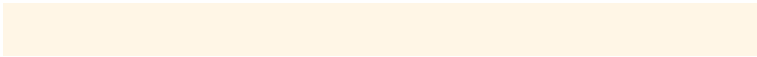


# Sweetspot

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



DFC491



FFF6E6



DF91AC



807A70



000000



808080



# Same Dimension

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



DFC491



FFDA94



D3DF91



706C65



B07300



302000



# Inverse Universe

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



91ACDF



94B9FF



9D91DF



656970



003DB0

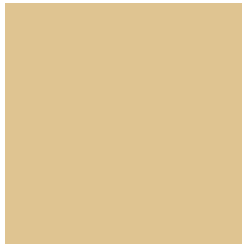


001130



# Previews

## White Background



This preview shows how the Hex color DFC491 looks on a white background.

## Color Contrast Check

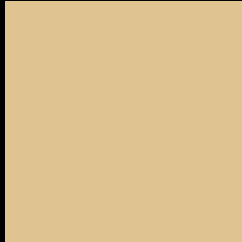
Large Text (above 18pt) WCAG AA × Fail

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 DFC491 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

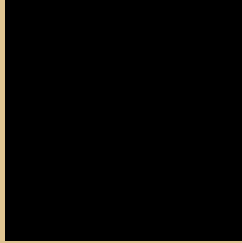
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex DFC491 Background



This preview shows how black text looks on a background with the Hex color DFC491.



This preview shows how white text looks on a background with the Hex color DFC491.

# 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](#).

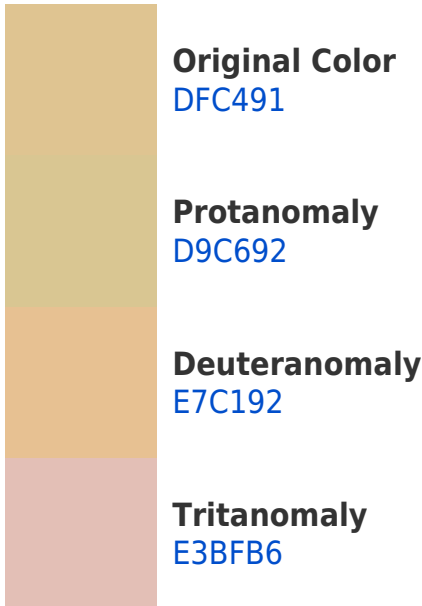
## Dichromacy





**Tritanopia**  
E5BCCB

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex DFC491 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 #DFC491 looks like.

```
.text, #text, p{  
    color:#DFC491  
}
```

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 #DFC491 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DFC491
}
```

## Border

The CSS property to change the border of an element to Hex DFC491 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
#DFC491 }
```

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

```
.border{ border-color:#DFC491 }
```

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

Here you see how a box with a 4 pixel #DFC491 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DFC491; -webkit-box-shadow:4px 4px  
4px 4px #DFC491; box-shadow:4px 4px 4px  
4px #DFC491 }
```

# Background

The CSS property to change the background color of an element to Hex DFC491 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DFC491 }
```

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

```
.background{ background-color:#DFC491 }
```

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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