

# Converting Colors

Hex(DECA6F)

Have a look what the booklet for  
Hex(DECA6F) contains.

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# **Color**

**Hex(DECA6F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DECA6F
RGB	222, 202, 111
RGB Percent	87%, 79%, 44%
CMY	0.1294, 0.2078, 0.5647
CMYK	0.00, 0.09, 0.50, 0.13
HSL	49°, 63%, 65%
HSV	49°, 50%, 87%
XYZ	54.1140, 58.9184, 23.5592
YIQ	197.6060, 41.1310, -24.0610

# Conversions

## Conversions Part 2

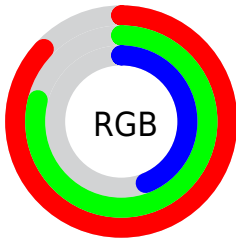
Format	Color
<a href="#">RYB</a>	<a href="#">135, 222, 111</a>
Decimal	<a href="#">14600815</a>
CIELab	<a href="#">81.25, -4.76, 47.60</a>
CIELCh	<a href="#">81, 47.835, 95.711</a>
Yxy	<a href="#">58.9184, 0.3962, 0.4313</a>
Android (android.graphics.Color)	<a href="#">4292790895</a> ( <a href="#">0xFFDECA6F</a> )
YUV	<a href="#">197.6060, -42.6968, 21.3935</a>
Hunter-Lab	<a href="#">76.7583, -8.4860, 35.5331</a>

# Details

The Hex color **DECA6F** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **6F83DE**, and the grayscale version is **C6C6C6**.

A 20% lighter version of the original color is **FFFA4**, and **A5943C** is the 20% darker color. If you saturate the color by 10%, you get **DEC659**, and if you desaturate by 10%, it is **DECE85**.

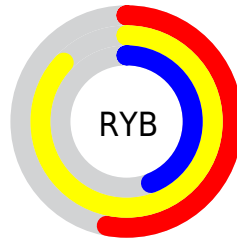
# Distribution



Red (87%)

Green (79%)

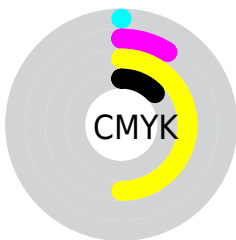
Blue (44%)



Red (53%)

Yellow (87%)

Blue (44%)

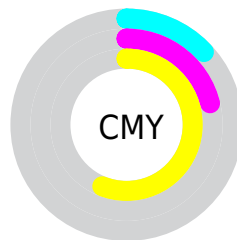


Cyan (0%)

Magenta (9%)

Yellow (50%)

Black (13%)



Cyan (13%)

Magenta (21%)

Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DECA6F 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 DECA6F by changing the saturation by 10% instead.



 DECA6F

 DECA6F

FFFFFF

 C1AF55

 FFFFA4

 A5943C

 FFFFC0

 897B22

 FFFFDD

 6E6202

 FFFFF9

 544A00

 3A3400

 211F00

 000800

 000000

 DECA6F

 DECA6F

 DEC659

 DECE85

 DEC243

 DED29B

 DEBE2C

 DED6B2

 DEBA16

 DEDAC8

 DEB600

 DEDEDE

 DEE2F4

 DEE6FF

 DEEAFF

 DEEEFF

# Harmonies

## Analogous

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



FFBA79



DECA6F



AED77F

# Triad

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



DECA6F



00E0FD



FFACF0

# Complementary

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



DECA6F



6F83DE

# 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.



DABBFF



DECA6F



2CD8FF

# Square

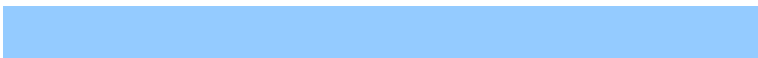
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



DECA6F



1AE1D1



94CBFF



FFA6C3

# Rectangle

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



DECA6F



8ADC96



94CBFF



FCB0FD

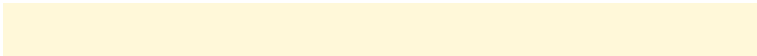


# Sweetspot

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



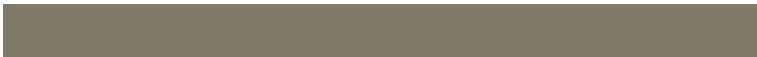
DECA6F



FFF8D9



DE6F83



807B69



000000



808080



# Same Dimension

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



DECA6F



FFE366



BBDE6F



706E65



B09000



302800



# Inverse Universe

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



6F83DE



6682FF



926FDE



656770



0020B0



000930



# Previews

## White Background



This preview shows how the Hex color DECA6F looks on a white background.

## Color Contrast Check

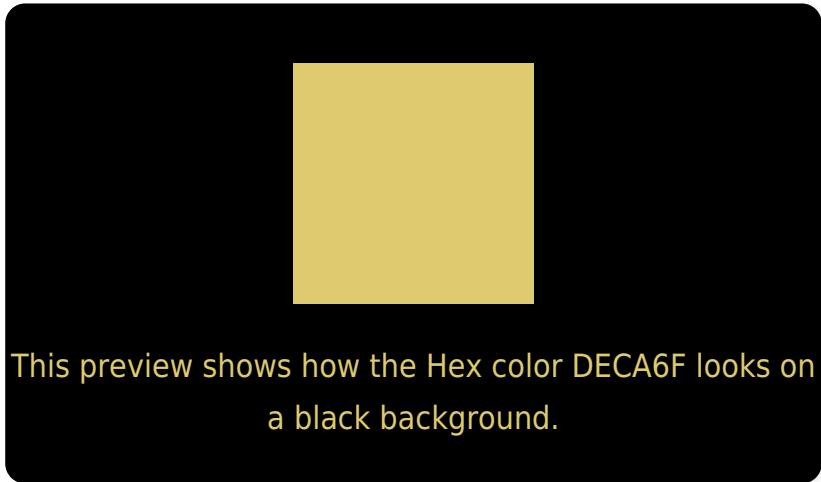
Large Text (above 18pt) WCAG AA × Fail

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 DECA6F Background



This preview shows how black text looks on a background with the Hex color DECA6F.

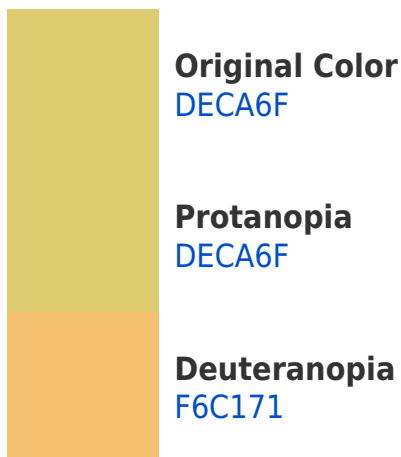


This preview shows how white text looks on a background with the Hex color DECA6F.

# 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](#).

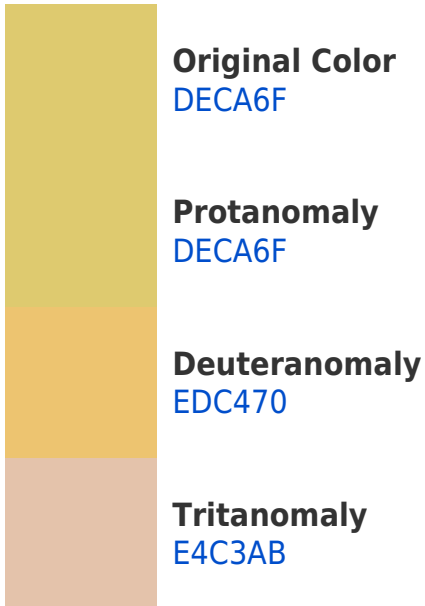
## Dichromacy



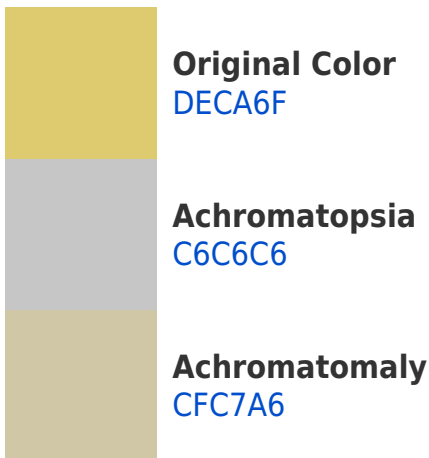


**Tritanopia**  
E7BFCE

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex DECA6F 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 #DECA6F looks like.

```
.text, #text, p{  
    color:#DECA6F  
}
```

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 #DECA6F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DECA6F
}
```

## Border

The CSS property to change the border of an element to Hex DECA6F 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
#DECA6F }
```

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

```
.border{ border-color:#DECA6F }
```

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

Here you see how a box with a 4 pixel #DECA6F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DECA6F; -webkit-box-shadow:4px 4px  
4px 4px #DECA6F; box-shadow:4px 4px 4px  
4px #DECA6F }
```

# Background

The CSS property to change the background color of an element to Hex DECA6F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DECA6F }
```

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

```
.background{ background-color:#DECA6F }
```

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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