

# Converting Colors

Hex(DEC67A)

Have a look what the booklet for  
Hex(DEC67A) contains.

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# **Color**

**Hex(DEC67A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DEC67A
RGB	222, 198, 122
RGB Percent	87%, 78%, 48%
CMY	0.1294, 0.2235, 0.5216
CMYK	0.00, 0.11, 0.45, 0.13
HSL	46°, 60%, 67%
HSV	46°, 45%, 87%
XYZ	53.8311, 57.3229, 26.6396
YIQ	196.5120, 38.7000, -18.5480

# Conversions

## Conversions Part 2

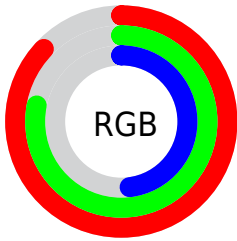
Format	Color
<b>RYB</b>	154, 222, 122
Decimal	14599802
CIELab	80.36, -1.66, 41.05
CIELCh	80, 41.084, 92.323
Yxy	57.3229, 0.3907, 0.4160
Android (android.graphics.Color)	4292789882 (0xFFDEC67A)
YUV	196.5120, -36.7344, 22.3530
Hunter-Lab	75.7119, -5.5823, 32.1369

# Details

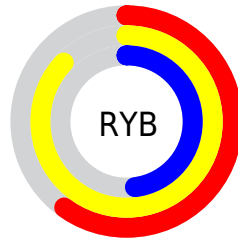
The Hex color **DEC67A** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **7A92DE**, and the grayscale version is **C5C5C5**.

A 20% lighter version of the original color is **FFFFB0**, and **A59047** is the 20% darker color. If you saturate the color by 10%, you get **DEC164**, and if you desaturate by 10%, it is **DECB90**.

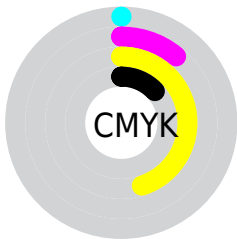
# Distribution



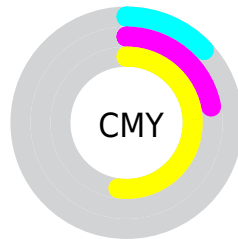
- Red (87%)
- Green (78%)
- Blue (48%)



- Red (60%)
- Yellow (87%)
- Blue (48%)



- Cyan (0%)
- Magenta (11%)
- Yellow (45%)
- Black (13%)



- Cyan (13%)
- Magenta (22%)
- Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DEC67A 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 DEC67A by changing the saturation by 10% instead.



 DEC67A

 DEC67A

FFFFFF

 C1AB60

 FFFFB0

 A59047

 FFFFCB

 89772F

 FFFFE8

 6F5E16

 544700

 3C3100

 231C00

 000200

 000000

 DEC67A

 DEC67A

 DEC164

 DECB90

 DEBB4E

 DED1A6

 DEB637

 DED6BD

 DEB121

 DEDBD3

 DEAB0B

 DEE1E9

 DEA900

 DEE6FF

 DEEBFF

 DEF1FF

 DEF6FF

# Harmonies

## Analogous

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



FEB984



DEC67A



B5D185

# Triad

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



DEC67A



2DDBEF



FAB0EC

# Complementary

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



DEC67A



7A92DE

# 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.



D0BCFF



DEC67A



54D5FF

# Square

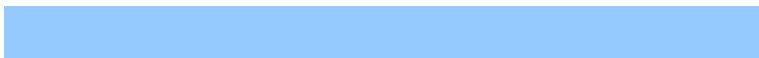
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



DEC67A



55DCC9



95CAFF



FFAAC6

# Rectangle

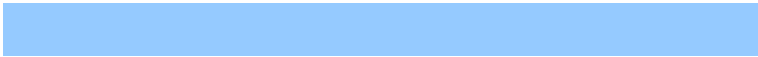
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



DEC67A



97D797



95CAFF



EEB3F7



# Sweetspot

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



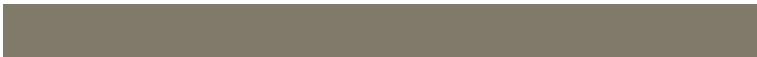
DEC67A



FFF6DB



DE7A93



807A6A



000000



808080



# Same Dimension

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



DEC67A



FFDE75



C5DE7A



706E65



B08600



302500



# Inverse Universe

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



7A92DE



7596FF



937ADE



656870



002AB0

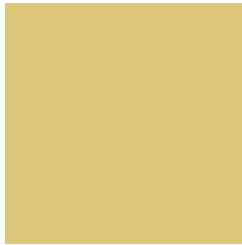


000C30



# Previews

## White Background



This preview shows how the Hex color DEC67A looks on a white background.

## Color Contrast Check

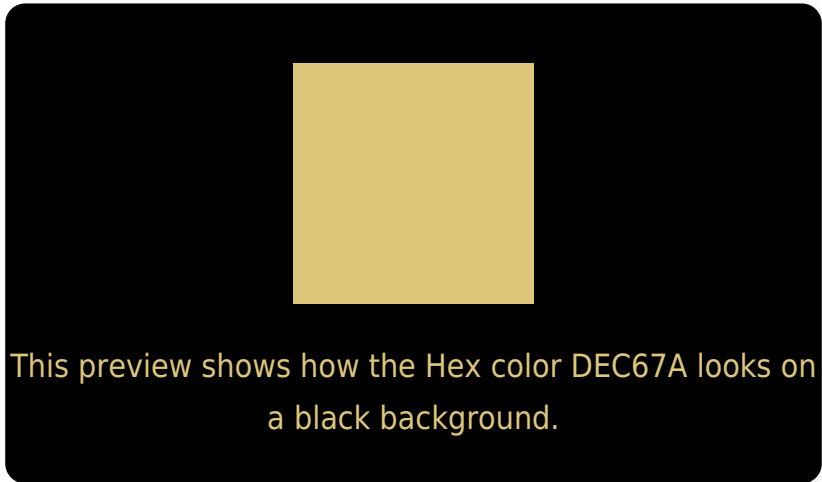
Large Text (above 18pt) WCAG AA × Fail

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 DEC67A Background



This preview shows how black text looks on a background with the Hex color DEC67A.

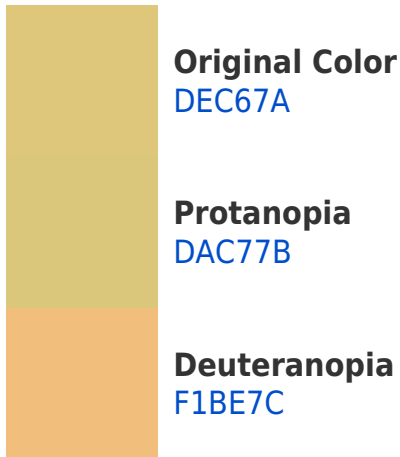


This preview shows how white text looks on a background with the Hex color DEC67A.

# 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](#).

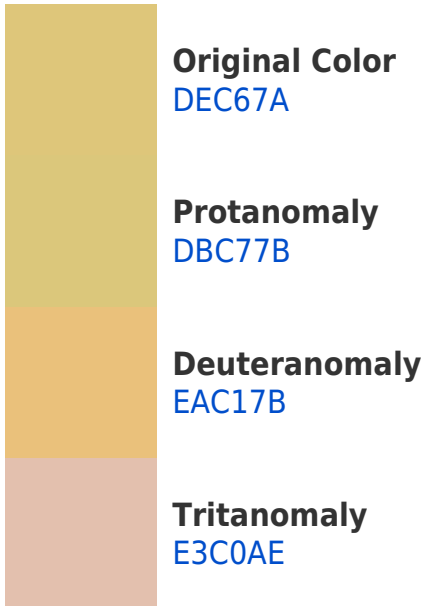
## Dichromacy



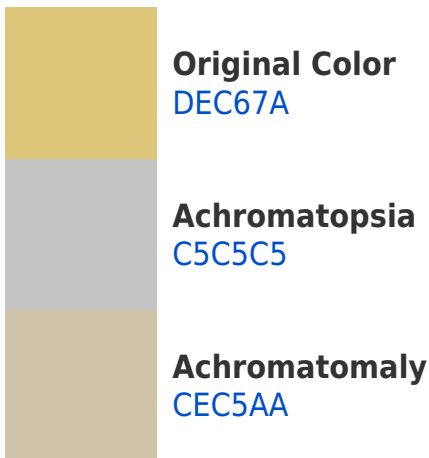


**Tritanopia**  
E6BCCB

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex DEC67A 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 #DEC67A looks like.

```
.text, #text, p{  
    color:#DEC67A  
}
```

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 #DEC67A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DEC67A
}
```

## Border

The CSS property to change the border of an element to Hex DEC67A 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
#DEC67A }
```

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

```
.border{ border-color:#DEC67A }
```

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

Here you see how a box with a 4 pixel #DEC67A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DEC67A; -webkit-box-shadow:4px 4px  
4px 4px #DEC67A; box-shadow:4px 4px 4px  
4px #DEC67A }
```

# Background

The CSS property to change the background color of an element to Hex DEC67A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DEC67A }
```

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

```
.background{ background-color:#DEC67A }
```

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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