

# Converting Colors

Hex(DEAC79)

Have a look what the booklet for  
Hex(DEAC79) contains.

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# **Color**

**Hex(DEAC79)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	DEAC79
RGB	222, 172, 121
RGB Percent	87%, 67%, 47%
CMY	0.1294, 0.3255, 0.5255
CMYK	0.00, 0.23, 0.45, 0.13
HSL	30°, 60%, 67%
HSV	30°, 45%, 87%
XYZ	48.3279, 46.4151, 24.5010
YIQ	181.1360, 46.1710, -5.2610

# Conversions

## Conversions Part 2

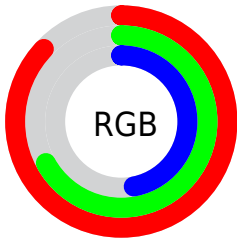
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	220, 222, 121
Decimal	14593145
CIE <sub>Lab</sub>	73.81, 11.95, 33.20
CIE <sub>LCh</sub>	74, 35.288, 70.211
Yxy	46.4151, 0.4053, 0.3892
Android (android.graphics.Color)	4292783225 (0xFFDEAC79)
YUV	181.1360, -29.6470, 35.8377
Hunter-Lab	68.1286, 7.3961, 26.3677

# Details

The Hex color **DEAC79** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **79ABDE**, and the grayscale version is **B5B5B5**.

A 20% lighter version of the original color is **FFE3AE**, and **A57847** is the 20% darker color. If you saturate the color by 10%, you get **DEA163**, and if you desaturate by 10%, it is **DEB78F**.

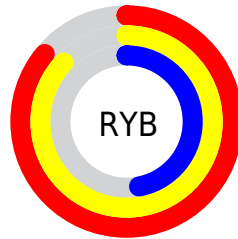
# Distribution



Red (87%)

Green (67%)

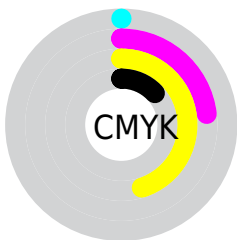
Blue (47%)



Red (86%)

Yellow (87%)

Blue (47%)

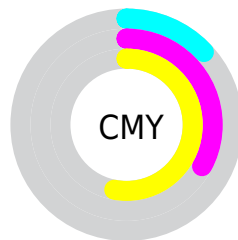


Cyan (0%)

Magenta (23%)

Yellow (45%)

Black (13%)



Cyan (13%)

Magenta (33%)

Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DEAC79 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 DEAC79 by changing the saturation by 10% instead.



 DEAC79

 DEAC79

FFFFFF

 C19160

 FFE3AE

 A57847

 FFFFC4

 895F30

 FFFFEE

 6E4719

 533101

 3A1C00

 220400

 000000

 DEAC79

 DEAC79

 DEA163

 DEB78F

 DE964D

 DEC2A5

 DE8B36

 DECDBC

 DE8020

 DED8D2

 DE750A

 DEE3E8

 DE7000

 DEEEFE

 DEF9FF

 DEFFFF

# Harmonies

## Analogous

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



F1A28D



DEAC79



C1B775

# Triad

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



DEAC79



50C7C0



C8A9E7

# Complementary

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



DEAC79



79ABDE

# 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.



9AB5F5



DEAC79



44C5DE

# Square

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



DEAC79



76C59E



67BFF2



E7A0CC

# Rectangle

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



DEAC79



A9BD7D



67BFF2



BAADED

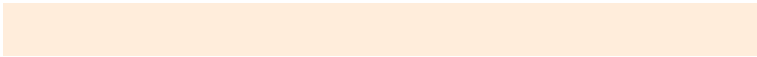


# Sweetspot

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



DEAC79



FFEDDB



DE79AC



80756A



000000



808080



# Same Dimension

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



DEAC79



FFBA73



DEDE79



706B65



B05900



301800

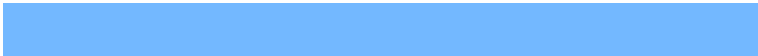


# Inverse Universe

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



79ABDE



73B8FF



7979DE



656B70



0057B0

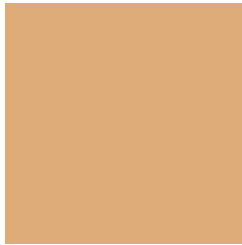


001830



# Previews

## White Background



This preview shows how the Hex color DEAC79 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

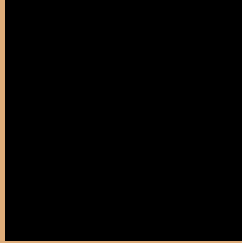
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex DEAC79 Background



This preview shows how black text looks on a background with the Hex color DEAC79.

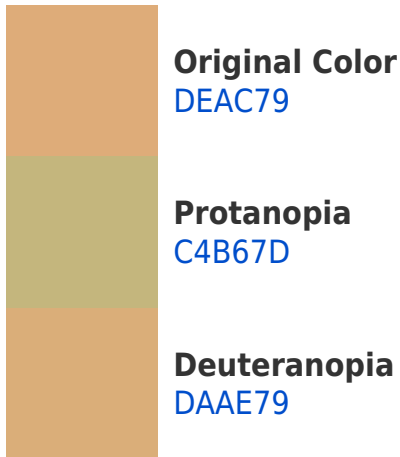


This preview shows how white text looks on a background with the Hex color DEAC79.

# 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](#).

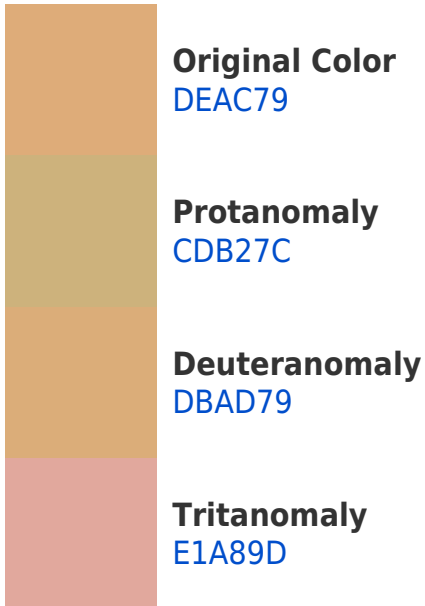
## Dichromacy





**Tritanopia**  
E3A5B1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex DEAC79 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 #DEAC79 looks like.

```
.text, #text, p{  
    color:#DEAC79  
}
```

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 #DEAC79 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DEAC79
}
```

## Border

The CSS property to change the border of an element to Hex DEAC79 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
#DEAC79 }
```

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

```
.border{ border-color:#DEAC79 }
```

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

Here you see how a box with a 4 pixel #DEAC79 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DEAC79; -webkit-box-shadow:4px 4px  
4px 4px #DEAC79; box-shadow:4px 4px 4px  
4px #DEAC79 }
```

# Background

The CSS property to change the background color of an element to Hex DEAC79 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DEAC79 }
```

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

```
.background{ background-color:#DEAC79 }
```

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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