

# Converting Colors

Hex(DEA746)

Have a look what the booklet for  
Hex(DEA746) contains.

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**Color**

**Hex(DEA746)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DEA746
RGB	222, 167, 70
RGB Percent	87%, 65%, 27%
CMY	0.1294, 0.3451, 0.7255
CMYK	0.00, 0.25, 0.68, 0.13
HSL	38°, 70%, 57%
HSV	38°, 68%, 87%
XYZ	45.0484, 43.6092, 11.8375
YIQ	172.3870, 63.9170, -18.5070

# Conversions

## Conversions Part 2

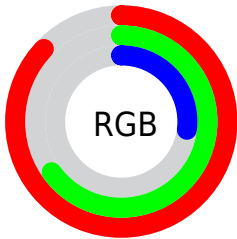
<b>Format</b>	<b>Color</b>
<b>RYB</b>	156, 222, 70
Decimal	14591814
CIELab	71.97, 10.67, 56.21
CIELCh	72, 57.216, 79.251
Yxy	43.6092, 0.4483, 0.4339
Android (android.graphics.Color)	4292781894 (0xFFDEA746)
YUV	172.3870, -50.4768, 43.5106
Hunter-Lab	66.0373, 6.2014, 35.5981

# Details

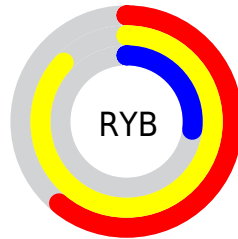
The Hex color **DEA746** is a light color, and the websafe version is hex **CC9933**. The color can be described as light muted orange. A complement of this color would be **467DDE**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **FFDE7B**, and **A3730B** is the 20% darker color. If you saturate the color by 10%, you get **DE9F30**, and if you desaturate by 10%, it is **DEAF5C**.

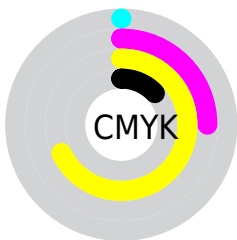
# Distribution



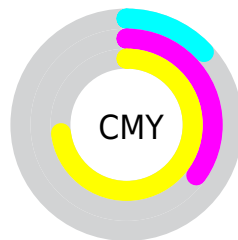
- Red (87%)
- Green (65%)
- Blue (27%)



- Red (61%)
- Yellow (87%)
- Blue (27%)



- Cyan (0%)
- Magenta (25%)
- Yellow (68%)
- Black (13%)



- Cyan (13%)
- Magenta (35%)
- Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DEA746 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 DEA746 by changing the saturation by 10% instead.



 DEA746

 DEA746

FFFFFF

 C08D2B

 FFDE7B

 A3730B

 FFFA96

 865B00

 FFFFB1

 6A4300

 FFFFCD

 4E2D00

 FFFFEA

 341900

 1C0000

 000000

 DEA746

 DEA746

 DE9F30

 DEAF5C

 DE971A

 DEB772

 DE8F03

 DEBF89

 DE8E00

 DEC79F

 DECFB5

 DED7CB

 DEDFE1

 DEE7F8

 DEEFFF

# Harmonies

## Analogous

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



FF9363



DEA746



ADB848

# Triad

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



DEA746



00CAD1



DE95F5

# Complementary

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



DEA746



467DDE

# 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.



93AAFF



DEA746



00C6FE

# Square

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



DEA746



00C99B



00BCFF



FF85C5

# Rectangle

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



DEA746



86C05C



00BCFF



C99CFF



# Sweetspot

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



DEA746



FFECC9



DE467E



807460



000000



808080



# Same Dimension

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



DEA746



FFB32E



CADE46



706C65



B07000



301F00



# Inverse Universe

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



467DDE



2E7AFF



5A46DE



656970



0040B0



001230



# Previews

## White Background



This preview shows how the Hex color #DEA746 looks on a white background.

## Color Contrast Check

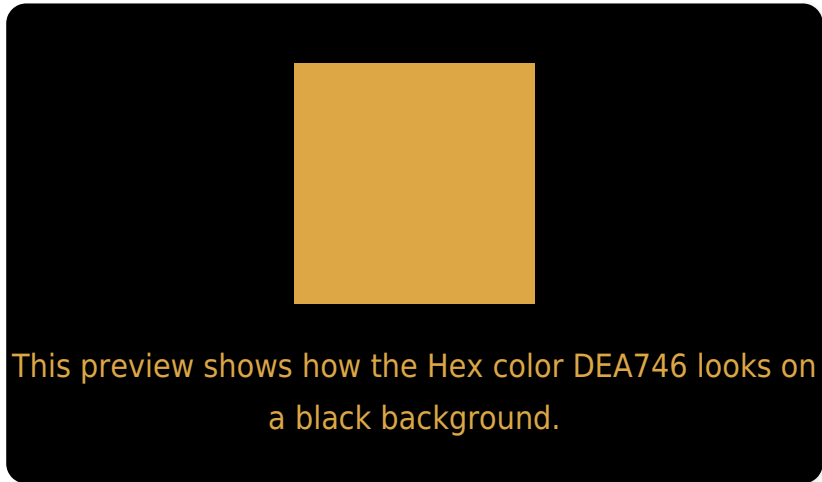
Large Text (above 18pt) WCAG AA × Fail

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 DEA746 Background



This preview shows how black text looks on a background with the Hex color DEA746.



This preview shows how white text looks on a background with the Hex color DEA746.

# 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



**Original Color**  
DEA746

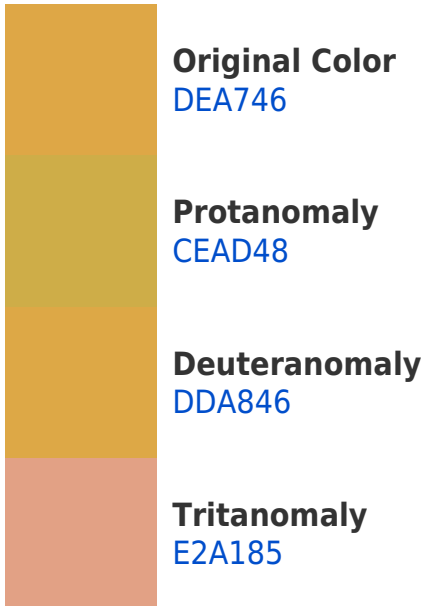
**Protanopia**  
C5B149

**Deuteranopia**  
DCA846



**Tritanopia**  
E59DA9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex DEA746 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 #DEA746 looks like.

```
.text, #text, p{  
    color:#DEA746  
}
```

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 #DEA746 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DEA746
}
```

## Border

The CSS property to change the border of an element to Hex DEA746 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
#DEA746 }
```

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

```
.border{ border-color:#DEA746 }
```

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

Here you see how a box with a 4 pixel #DEA746 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DEA746; -webkit-box-shadow:4px 4px  
4px 4px #DEA746; box-shadow:4px 4px 4px  
4px #DEA746 }
```

# Background

The CSS property to change the background color of an element to Hex DEA746 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DEA746 }
```

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

```
.background{ background-color:#DEA746 }
```

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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