

# Converting Colors

Hex(DEAA5F)

Have a look what the booklet for  
Hex(DEAA5F) contains.

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# **Color**

**Hex(DEAA5F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DEAA5F
RGB	222, 170, 95
RGB Percent	87%, 67%, 37%
CMY	0.1294, 0.3333, 0.6275
CMYK	0.00, 0.23, 0.57, 0.13
HSL	35°, 66%, 62%
HSV	35°, 57%, 87%
XYZ	46.5645, 45.1053, 17.0784
YIQ	176.9980, 55.0670, -12.3010

# Conversions

## Conversions Part 2

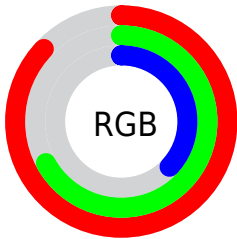
Format	Color
<a href="#">RYB</a>	<a href="#">183, 222, 95</a>
Decimal	<a href="#">14592607</a>
<a href="#">CIELab</a>	<a href="#">72.96, 10.71, 45.52</a>
<a href="#">CIElCh</a>	<a href="#">73, 46.764, 76.761</a>
<a href="#">Yxy</a>	<a href="#">45.1053, 0.4282, 0.4148</a>
<a href="#">Android (android.graphics.Color)</a>	<a href="#">4292782687 (0xFFDEAA5F)</a>
<a href="#">YUV</a>	<a href="#">176.9980, -40.4250, 39.4668</a>
<a href="#">Hunter-Lab</a>	<a href="#">67.1605, 6.2289, 31.9353</a>

# Details

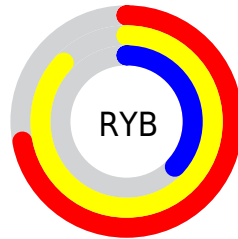
The Hex color **DEAA5F** is a light color, and the websafe version is hex **CC9966**. The color can be described as light muted orange. A complement of this color would be **5F93DE**, and the grayscale version is **B1B1B1**.

A 20% lighter version of the original color is **FFE193**, and **A4762D** is the 20% darker color. If you saturate the color by 10%, you get **DEA149**, and if you desaturate by 10%, it is **DEB375**.

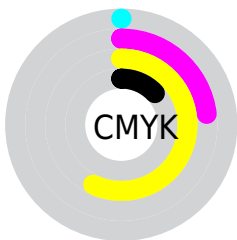
# Distribution



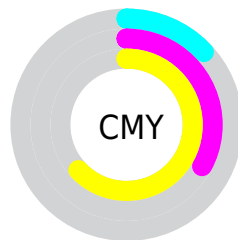
- Red (87%)
- Green (67%)
- Blue (37%)



- Red (72%)
- Yellow (87%)
- Blue (37%)



- Cyan (0%)
- Magenta (23%)
- Yellow (57%)
- Black (13%)



- Cyan (13%)
- Magenta (33%)
- Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DEAA5F 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 DEAA5F by changing the saturation by 10% instead.



 DEAA5F

 DEAA5F

FFFFFF

 C19046

 FFE193

 A4762D


 FFFEAE

 875D13

 FFFFCA

 6C4600

 FFFF7E

 513000

 361B00

 1F0200

 000000

 DEAA5F

 DEAA5F

 DEA149

 DEB375

 DE9833

 DEBC8B

 DE8F1C

 DEC5A2

 DE8606

 DECEB8

 DE8300

 DED7CE

 DEE1E4

 DEEAFA

 DEF3FF

 DEFCFF

# Harmonies

## Analogous

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



FA9B76



DEAA5F



B6B85F

# Triad

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



DEAA5F



00C9CA



D59FEE

# Complementary

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



DEAA5F



5F93DE

# 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.



99AFFF



DEAA5F



00C6F0

# Square

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



DEAA5F



46C89E



3EBDFE



FA92C8

# Rectangle

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



DEAA5F



97BF6C



3EBDFE



C4A4F8

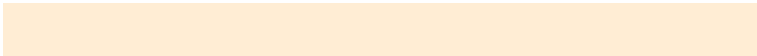


# Sweetspot

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



DEAA5F



FFEDD4



DE5F94



807566



000000



808080



# Same Dimension

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



DEAA5F



FFB74F



D3DE5F



706C65



B06800



301D00



# Inverse Universe

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



5F93DE



4F97FF



6A5FDE



656A70



0048B0

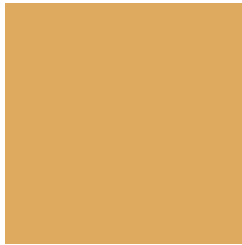


001430



# Previews

## White Background



This preview shows how the Hex color DEAA5F looks on a white background.

## Color Contrast Check

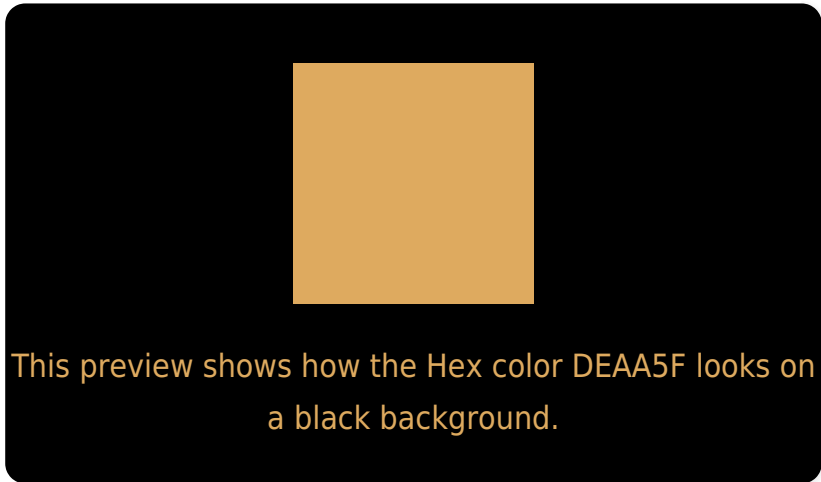
Large Text (above 18pt) WCAG AA × Fail

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 DEAA5F Background



This preview shows how black text looks on a background with the Hex color DEAA5F.



This preview shows how white text looks on a background with the Hex color DEAA5F.

# 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**  
DEAA5F

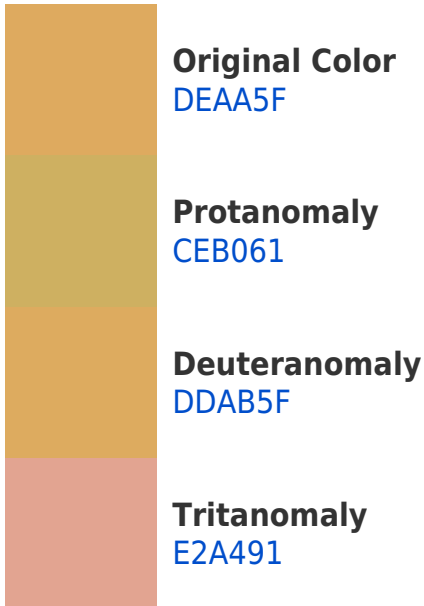
**Protanopia**  
C5B362

**Deuteranopia**  
DCAB5F



**Tritanopia**  
E4A1AD

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex DEAA5F 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 #DEAA5F looks like.

```
.text, #text, p{  
    color:#DEAA5F  
}
```

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 #DEAA5F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DEAA5F
}
```

## Border

The CSS property to change the border of an element to Hex DEAA5F 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
#DEAA5F }
```

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

```
.border{ border-color:#DEAA5F }
```

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

Here you see how a box with a 4 pixel #DEAA5F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DEAA5F; -webkit-box-shadow:4px 4px  
4px 4px #DEAA5F; box-shadow:4px 4px 4px  
4px #DEAA5F }
```

# Background

The CSS property to change the background color of an element to Hex DEAA5F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DEAA5F }
```

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

```
.background{ background-color:#DEAA5F }
```

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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