

Converting Colors

Hex(DEAA70)

Have a look what the booklet for
Hex(DEAA70) contains.

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Color

Hex(DEAA70)

Conversions

Conversions Part 1

Format	Color
Hex	DEAA70
RGB	222, 170, 112
RGB Percent	87%, 67%, 44%
CMY	0.1294, 0.3333, 0.5608
CMYK	0.00, 0.23, 0.50, 0.13
HSL	32°, 62%, 65%
HSV	32°, 50%, 87%
XYZ	47.4236, 45.4489, 21.6023
YIQ	178.9360, 49.6100, -7.0140

Conversions

Conversions Part 2

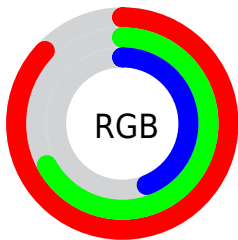
Format	Color
R_{YB}	211, 222, 112
Decimal	14592624
CIE _{Lab}	73.19, 12.15, 37.12
CIE _{LCh}	73, 39.059, 71.881
Yxy	45.4489, 0.4143, 0.3970
Android (android.graphics.Color)	4292782704 (0xFFDEAA70)
YUV	178.9360, -32.9994, 37.7671
Hunter-Lab	67.4158, 7.5879, 28.1926

Details

The Hex color **DEAA70** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **70A4DE**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **FFE1A5**, and **A4763F** is the 20% darker color. If you saturate the color by 10%, you get **DEA05A**, and if you desaturate by 10%, it is **DEB486**.

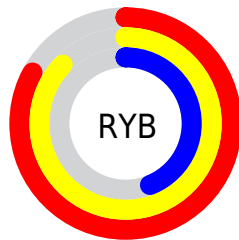
Distribution



Red (87%)

Green (67%)

Blue (44%)



Red (83%)

Yellow (87%)

Blue (44%)

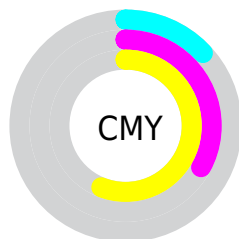


Cyan (0%)

Magenta (23%)

Yellow (50%)

Black (13%)



Cyan (13%)

Magenta (33%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color DEAA70 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 DEAA70 by changing the saturation by 10% instead.

 DEAA70

 DEAA70

FFFFFF

 C19057

 FFE1A5

 A4763F

 FFFEC0

 885D27

 FFFFDC

 6D460F

 FFFFF9

 532F00

 381A00

 210200

 000000

 DEAA70

 DEAA70

 DEA05A

 DEB486

 DE9544

 DEBF9C

 DE8B2D

 DEC9B3

 DE8017

 DED4C9

 DE7601

 DEDEDF

 DE7500

 DEE9F5

 DEF3FF

 DEF EFF

 DEFFFF

Harmonies

Analogous

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



F49E86



DEAA70



BDB66D

Triad

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



DEAA70



36C7C1



CAA5E9

Complementary

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



DEAA70



70A4DE

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.



97B2F9



DEAA70



1DC4E2

Square

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



DEAA70



69C59C



59BDF7



EC9BCB

Rectangle

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



DEAA70



A3BD76



59BDF7



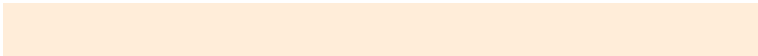
BBAAF0

Sweetspot

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



DEAA70



FFEDD9



DE70A5



807569



000000



808080

Same Dimension

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



DEAA70



FFB869



DCDE70



706B65



B05D00



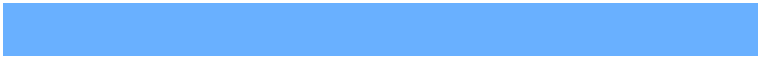
301A00

Inverse Universe

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



70A4DE



69B0FF



7270DE



656A70



0053B0



001730

Previews

White Background



This preview shows how the Hex color DEAA70 looks on a white background.

Color Contrast Check

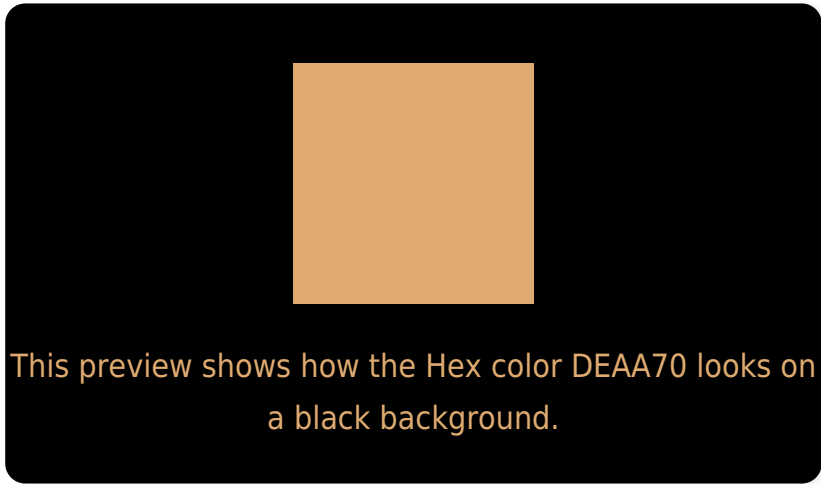
Large Text (above 18pt) WCAG AA × Fail

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

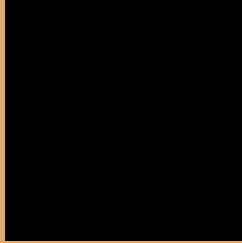
Any Text WCAG AA ✓ Pass

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 DEAA70 Background



This preview shows how black text looks on a background with the Hex color DEAA70.

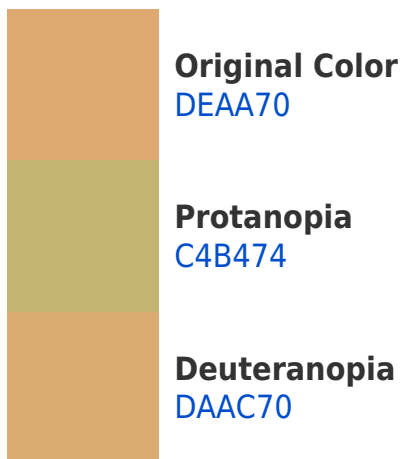


This preview shows how white text looks on a background with the Hex color DEAA70.

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](#).

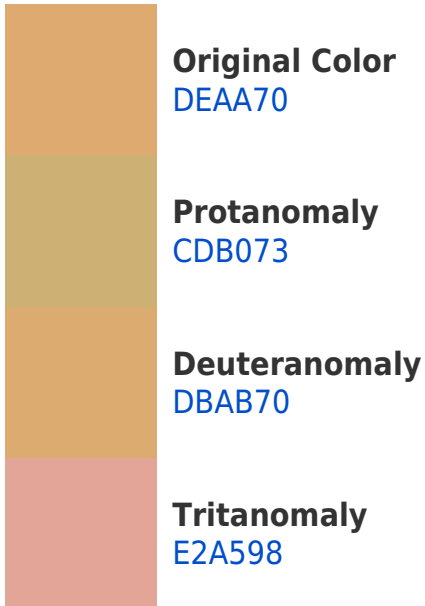
Dichromacy





Tritanopia
E4A2AF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DEAA70 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 #DEAA70 looks like.

```
.text, #text, p{  
    color:#DEAA70  
}
```

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 #DEAA70 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DEAA70
}
```

Border

The CSS property to change the border of an element to Hex DEAA70 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
#DEAA70 }
```

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

```
.border{ border-color:#DEAA70 }
```

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

Here you see how a box with a 4 pixel #DEAA70 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DEAA70; -webkit-box-shadow:4px 4px  
4px 4px #DEAA70; box-shadow:4px 4px 4px  
4px #DEAA70 }
```

Background

The CSS property to change the background color of an element to Hex DEAA70 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DEAA70 }
```

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

```
.background{ background-color:#DEAA70 }
```

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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