

Converting Colors

Hex(DEAA47)

Have a look what the booklet for
Hex(DEAA47) contains.

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Color

Hex(DEAA47)

Conversions

Conversions Part 1

Format	Color
Hex	DEAA47
RGB	222, 170, 71
RGB Percent	87%, 67%, 28%
CMY	0.1294, 0.3333, 0.7216
CMYK	0.00, 0.23, 0.68, 0.13
HSL	39°, 70%, 57%
HSV	39°, 68%, 87%
XYZ	45.6363, 44.7340, 12.1905
YIQ	174.2620, 62.7710, -19.7650

Conversions

Conversions Part 2

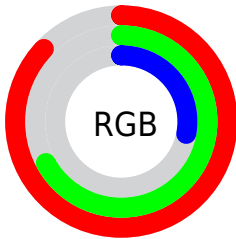
Format	Color
RYB	150, 222, 71
Decimal	14592583
CIELab	72.72, 9.13, 56.57
CIELCh	73, 57.297, 80.833
Yxy	44.7340, 0.4450, 0.4362
Android (android.graphics.Color)	4292782663 (0xFFDEAA47)
YUV	174.2620, -50.9082, 41.8662
Hunter-Lab	66.8835, 4.7489, 36.0120

Details

The Hex color **DEAA47** 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 **477BDE**, and the grayscale version is **AFAFAF**.

A 20% lighter version of the original color is **FFE17C**, and **A3760C** is the 20% darker color. If you saturate the color by 10%, you get **DEA231**, and if you desaturate by 10%, it is **DEB25D**.

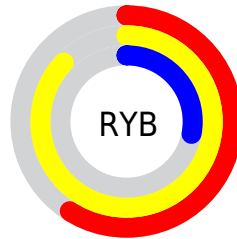
Distribution



Red (87%)

Green (67%)

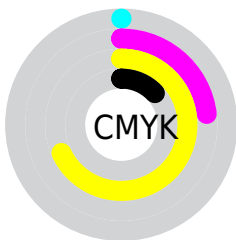
Blue (28%)



Red (59%)

Yellow (87%)

Blue (28%)

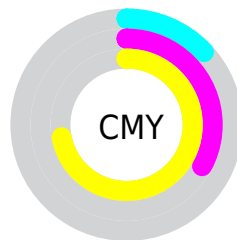


Cyan (0%)

Magenta (23%)

Yellow (68%)

Black (13%)



Cyan (13%)

Magenta (33%)

Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color DEAA47 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 DEAA47 by changing the saturation by 10% instead.

 DEAA47

 DEAA47

FFFFFF

 C0902C

 FFE17C

 A3760C

 FFFE97

 865E00

 FFFFB2

 6A4600

 FFFFCE

 4F3000

 FFFFEB

 341B00

 1C0200

 000000

 DEAA47

 DEAA47

 DEA231

 DEB25D

 DE9B1B

 DEB973

 DE9304

 DEC18A

 DE9200

 DEC9A0

 DED0B6

 DED8CC

 DEE0E2

 DEE7F9

 DEEFFF

Harmonies

Analogous

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



FF9663



DEAA47



ACBB4B

Triad

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



DEAA47



00CCD6



E396F5

Complementary

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



DEAA47



477BDE

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.



9AABFF



DEAA47



00C8FF

Square

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



DEAA47



00CCA0



00BDFE



FF86C5

Rectangle

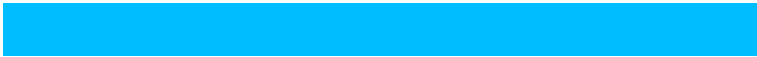
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



DEAA47



85C35F



00BDFF



CF9DFF

Sweetspot

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



DEAA47



FFEDCC



DE477C



807561



000000



808080

Same Dimension

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



DEAA47



FFB72E



C7DE47



706C65



B07300



302000

Inverse Universe

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



477BDE



2E76FF



5E47DE



656970



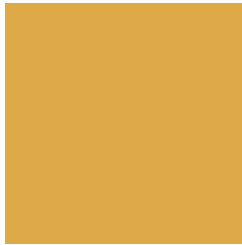
003DB0



001130

Previews

White Background



This preview shows how the Hex color DEAA47 looks on a white background.

Color Contrast Check

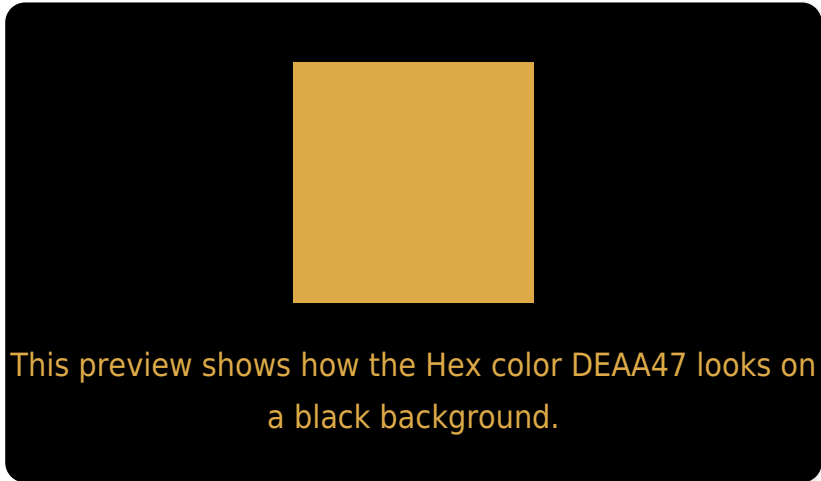
Large Text (above 18pt) WCAG AA × Fail

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 DEAA47 Background



This preview shows how black text looks on a background with the Hex color DEAA47.

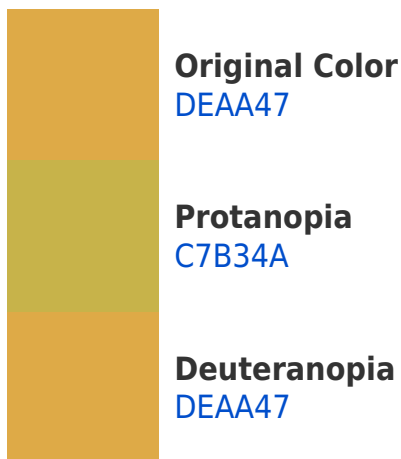


This preview shows how white text looks on a background with the Hex color DEAA47.

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](#).

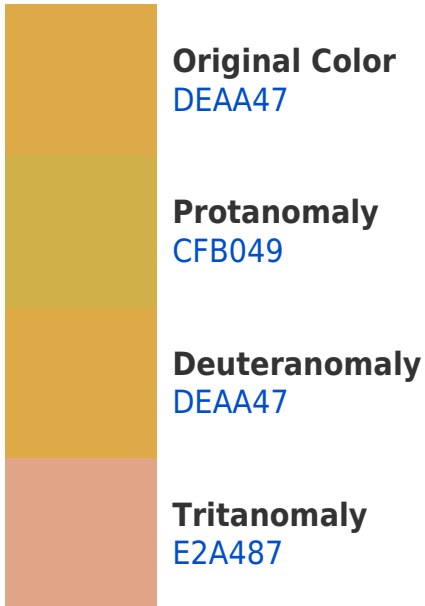
Dichromacy





Tritanopia
E5A0AC

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DEAA47 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 #DEAA47 looks like.

```
.text, #text, p{  
    color:#DEAA47  
}
```

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 #DEAA47 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DEAA47  
}
```

Border

The CSS property to change the border of an element to Hex DEAA47 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  
#DEAA47 }
```

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

```
.border{ border-color:#DEAA47 }
```

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

Here you see how a box with a 4 pixel #DEAA47 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DEAA47; -webkit-box-shadow:4px 4px  
4px 4px #DEAA47; box-shadow:4px 4px 4px  
4px #DEAA47 }
```

Background

The CSS property to change the background color of an element to Hex DEAA47 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DEAA47 }
```

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

```
.background{ background-color:#DEAA47 }
```

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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