

Converting Colors

Hex(DEA449)

Have a look what the booklet for
Hex(DEA449) contains.

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Color

Hex(DEA449)

Conversions

Conversions Part 1

Format	Color
Hex	DEA449
RGB	222, 164, 73
RGB Percent	87%, 64%, 29%
CMY	0.1294, 0.3569, 0.7137
CMYK	0.00, 0.26, 0.67, 0.13
HSL	37°, 69%, 58%
HSV	37°, 67%, 87%
XYZ	44.6023, 42.5616, 12.1677
YIQ	170.9680, 63.7790, -16.0050

Conversions

Conversions Part 2

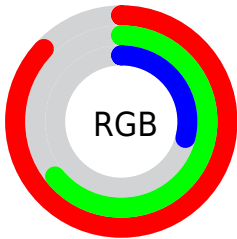
Format	Color
RYB	168, 222, 73
Decimal	14591049
CIELab	71.26, 12.44, 54.11
CIELCh	71, 55.520, 77.051
Yxy	42.5616, 0.4490, 0.4285
Android (android.graphics.Color)	4292781129 (0xFFDEA449)
YUV	170.9680, -48.2982, 44.7551
Hunter-Lab	65.2392, 7.8669, 34.6093

Details

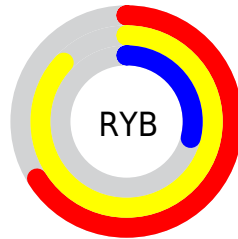
The Hex color **DEA449** is a light color, and the websafe version is hex **CC9933**. The color can be described as light muted orange. A complement of this color would be **4983DE**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **FFDB7D**, and **A37012** is the 20% darker color. If you saturate the color by 10%, you get **DE9B33**, and if you desaturate by 10%, it is **DEAD5F**.

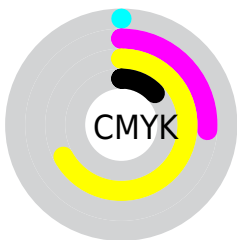
Distribution



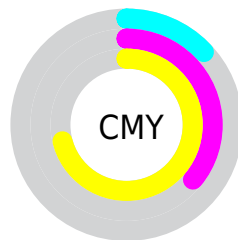
- Red (87%)
- Green (64%)
- Blue (29%)



- Red (66%)
- Yellow (87%)
- Blue (29%)



- Cyan (0%)
- Magenta (26%)
- Yellow (67%)
- Black (13%)



- Cyan (13%)
- Magenta (36%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color DEA449 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 DEA449 by changing the saturation by 10% instead.

 DEA449

 DEA449

FFFFFF

 C08A2F

 FFDB7D

 A37012

 FFF798

 865800

 FFFFB4

 6A4100

 FFFF00

 4E2B00

 FFFFED

 341600

 1D0000

 000000

 DEA449

 DEA449

 DE9B33

 DEAD5F

 DE931D

 DEB575

 DE8A06

 DEBE8C

 DE8800

 DEC7A2

 DECFB8

 DED8CE

 DEE0E4

 DEE9FB

 DEF2FF

Harmonies

Analogous

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



FF9166



DEA449



AFB548

Triad

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



DEA449



00C8CB



D796F4

Complementary

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



DEA449



4983DE

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.



8CAAFF



DEA449



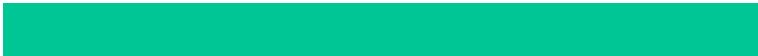
00C4F7

Square

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



DEA449



00C696



00BAFF



FF85C7

Rectangle

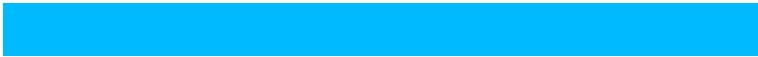
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



DEA449



8ABD5A



00BAFF



C29CFF

Sweetspot

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



DEA449



FFEBC



DE4985



807461



000000



808080

Same Dimension

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



DEA449



FFAF30



CFDE49



706C65



B06B00



301E00

Inverse Universe

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



4983DE



3081FF



5849DE



656970



0044B0



001330

Previews

White Background



This preview shows how the Hex color #DEA449 looks on a white background.

Color Contrast Check

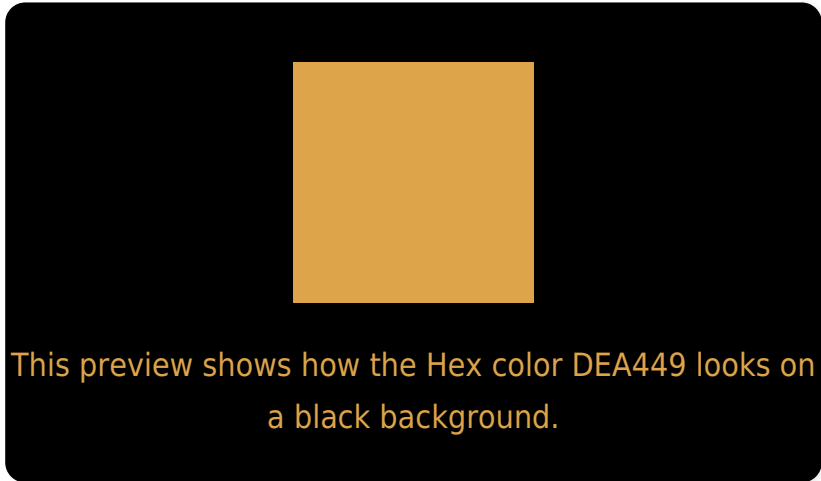
Large Text (above 18pt) WCAG AA × Fail

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

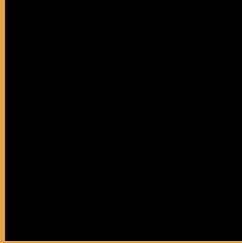
Any Text WCAG AA ✓ Pass

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 DEA449 Background



This preview shows how black text looks on a background with the Hex color DEA449.



This preview shows how white text looks on a background with the Hex color DEA449.

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](#).

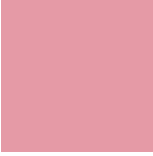
Dichromacy



Original Color
DEA449

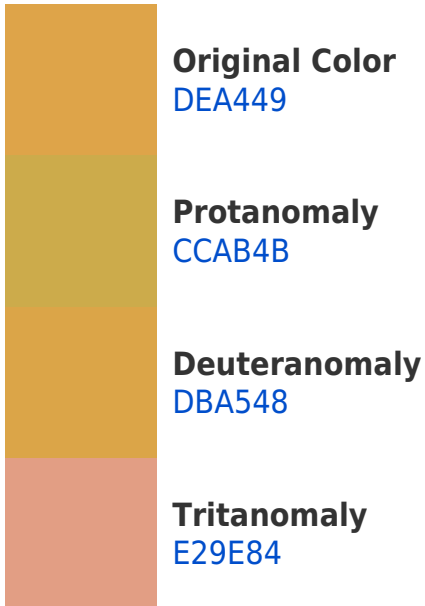
Protanopia
C2AF4C

Deuteranopia
D9A648



Tritanopia
E59AA6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DEA449 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 #DEA449 looks like.

```
.text, #text, p{  
    color:#DEA449  
}
```

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 #DEA449 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DEA449
}
```

Border

The CSS property to change the border of an element to Hex DEA449 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
#DEA449 }
```

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

```
.border{ border-color:#DEA449 }
```

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

Here you see how a box with a 4 pixel #DEA449 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DEA449; -webkit-box-shadow:4px 4px  
4px 4px #DEA449; box-shadow:4px 4px 4px  
4px #DEA449 }
```

Background

The CSS property to change the background color of an element to Hex DEA449 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DEA449 }
```

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

```
.background{ background-color:#DEA449 }
```

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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