

Converting Colors

Hex(DEA670)

Have a look what the booklet for
Hex(DEA670) contains.

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Color

Hex(DEA670)

Conversions

Conversions Part 1

Format	Color
Hex	DEA670
RGB	222, 166, 112
RGB Percent	87%, 65%, 44%
CMY	0.1294, 0.3490, 0.5608
CMYK	0.00, 0.25, 0.50, 0.13
HSL	29°, 62%, 65%
HSV	29°, 50%, 87%
XYZ	46.6850, 43.9719, 21.3561
YIQ	176.5880, 50.7100, -4.9220

Conversions

Conversions Part 2

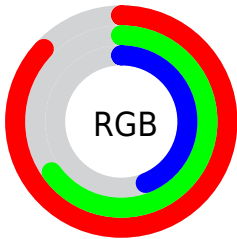
Format	Color
R _Y B	222, 218, 112
Decimal	14591600
CIE Lab	72.21, 14.29, 35.88
CIE LCh	72, 38.623, 68.288
Yxy	43.9719, 0.4168, 0.3926
Android (android.graphics.Color)	4292781680 (0xFFDEA670)
YUV	176.5880, -31.8419, 39.8263
Hunter-Lab	66.3113, 9.6243, 27.3231

Details

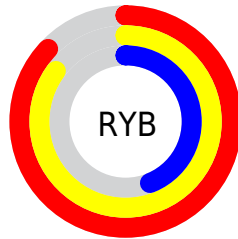
The Hex color **DEA670** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **70A8DE**, and the grayscale version is **B1B1B1**.

A 20% lighter version of the original color is **FFDDA4**, and **A4723F** is the 20% darker color. If you saturate the color by 10%, you get **DE9B5A**, and if you desaturate by 10%, it is **DEB186**.

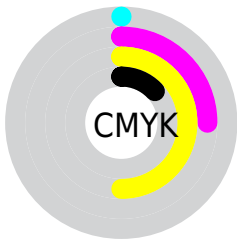
Distribution



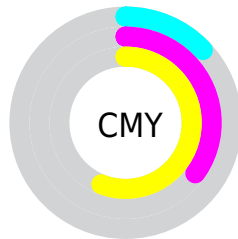
- Red (87%)
- Green (65%)
- Blue (44%)



- Red (87%)
- Yellow (85%)
- Blue (44%)



- Cyan (0%)
- Magenta (25%)
- Yellow (50%)
- Black (13%)



- Cyan (13%)
- Magenta (35%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color DEA670 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 DEA670 by changing the saturation by 10% instead.

 DEA670

 DEA670

FFFFFF

 C18C57

 FFDDA4

 A4723F

 FFFAC0

 885A27

 FFFFDC

 6D4210

 FFFFF9

 532C00

 381700

 210000

 000000

 DEA670

 DEA670

 DE9B5A

 DEB186

 DE8F44

 DEBD9C

 DE842D

 DEC8B3

 DE7917

 DED3C9

 DE6D01

 DEDFDF

 DE6D00

 DEEAF5

 DEF5FF

 DEFFFF

Harmonies

Analogous

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



F29B87



DEA670



BFB26A

Triad

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



DEA670



3BC4BA



C2A4E9

Complementary

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



DEA670



70A8DE

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.



8EB1F7



DEA670



19C2DC

Square

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



DEA670



6DC296



50BCF2



E599CC

Rectangle

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



DEA670



A6B972



50BCF2



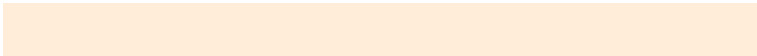
B2A9EF

Sweetspot

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



DEA670



FFECD9



DE70A9



807469



000000



808080

Same Dimension

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



DEA670



FFB269



DEDC70



706A65



B05600



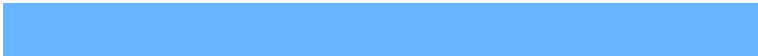
301800

Inverse Universe

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



70A8DE



69B5FF



7072DE



656B70



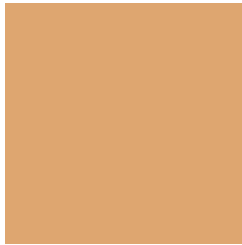
005AB0



001930

Previews

White Background



This preview shows how the Hex color #DEA670 looks on a white background.

Color Contrast Check

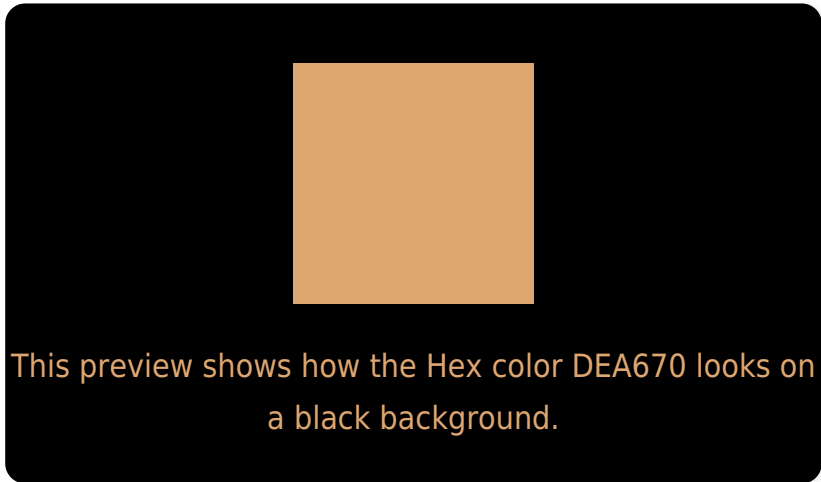
Large Text (above 18pt) WCAG AA × Fail

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

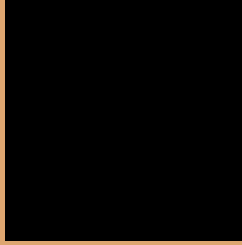
Any Text WCAG AA ✓ Pass

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 DEA670 Background



This preview shows how black text looks on a background with the Hex color DEA670.



This preview shows how white text looks on a background with the Hex color DEA670.

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
DEA670

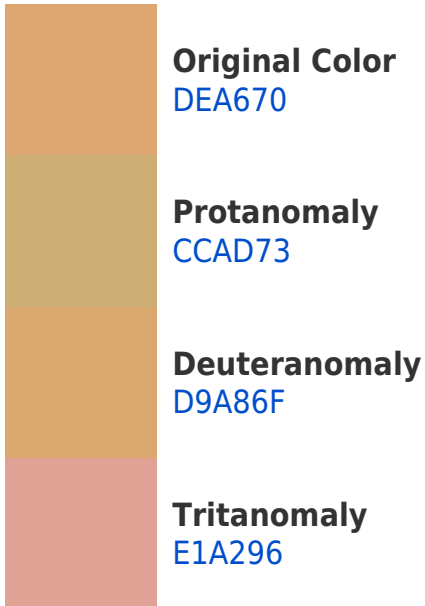
Protanopia
C1B174

Deuteranopia
D6A96F

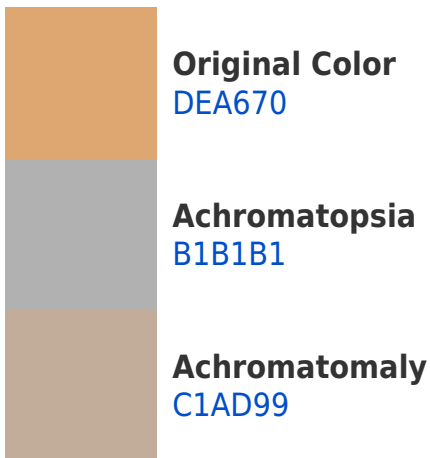


Tritanopia
E39FAB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DEA670 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 #DEA670 looks like.

```
.text, #text, p{  
    color:#DEA670  
}
```

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 #DEA670 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DEA670  
}
```

Border

The CSS property to change the border of an element to Hex DEA670 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  
#DEA670 }
```

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

```
.border{ border-color:#DEA670 }
```

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

Here you see how a box with a 4 pixel #DEA670 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DEA670; -webkit-box-shadow:4px 4px  
4px 4px #DEA670; box-shadow:4px 4px 4px  
4px #DEA670 }
```

Background

The CSS property to change the background color of an element to Hex DEA670 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DEA670 }
```

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

```
.background{ background-color:#DEA670 }
```

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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