

Converting Colors

Hex(DEA040)

Have a look what the booklet for
Hex(DEA040) contains.

Hex(DEA040)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(DEA040)

Conversions

Conversions Part 1

Format	Color
Hex	DEA040
RGB	222, 160, 64
RGB Percent	87%, 63%, 25%
CMY	0.1294, 0.3725, 0.7490
CMYK	0.00, 0.28, 0.71, 0.13
HSL	36°, 71%, 56%
HSV	36°, 71%, 87%
XYZ	43.6204, 41.0414, 10.4732
YIQ	167.5940, 67.7680, -16.7120

Conversions

Conversions Part 2

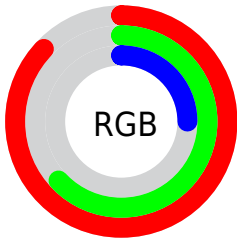
Format	Color
R _Y B	166, 222, 64
Decimal	14590016
CIE Lab	70.20, 14.10, 56.99
CIE LCh	70, 58.711, 76.103
Yxy	41.0414, 0.4585, 0.4314
Android (android.graphics.Color)	4292780096 (0xFFDEA040)
YUV	167.5940, -51.0718, 47.7141
Hunter-Lab	64.0635, 9.4282, 35.1516

Details

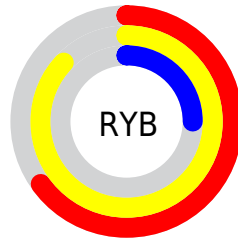
The Hex color **DEA040** is a light color, and the websafe version is hex **CC9933**. The color can be described as light muted orange. A complement of this color would be **407EDE**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **FFD775**, and **A26D01** is the 20% darker color. If you saturate the color by 10%, you get **DE972A**, and if you desaturate by 10%, it is **DEA956**.

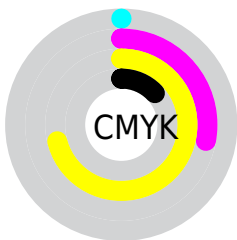
Distribution



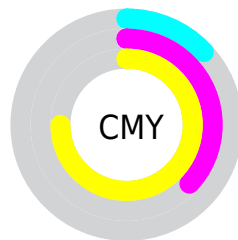
- Red (87%)
- Green (63%)
- Blue (25%)



- Red (65%)
- Yellow (87%)
- Blue (25%)



- Cyan (0%)
- Magenta (28%)
- Yellow (71%)
- Black (13%)



- Cyan (13%)
- Magenta (37%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color DEA040 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 DEA040 by changing the saturation by 10% instead.

 DEA040

 DEA040

FFFFFF

 C08625

 FFD775

 A26D01

 FFF38F

 855400

 FFFFAB

 693D00

 FFFFC7

 4D2700

 FFFFE4

 331300

 1C0001

 000000

 DEA040

 DEA040

 DE972A

 DEA956

 DE8F14

 DEB16C

 DE8700

 DEBA83

 DEC399

 DECCAF

 DED4C5

 DEDDDB

 DEE6F2

 DEEEFF

Harmonies

Analogous

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



FF8C61



DEA040



AEB23E

Triad

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



DEA040



00C6C8



D492F6

Complementary

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



DEA040



407EDE

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.



82A7FF



DEA040



00C2F7

Square

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



DEA040



00C490



00B9FF



FF80C7

Rectangle

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



DEA040



87BA51



00B9FF



BD99FF

Sweetspot

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



DEA040



FFEAC9



DE407F



807360



000000



808080

Same Dimension

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



DEA040



FFAA26



CEDE40



706C65



B06B00



301D00

Inverse Universe

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



407EDE



267BFF



5040DE



656970



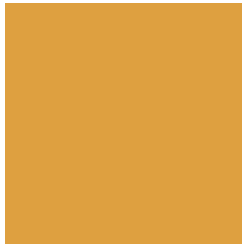
0045B0



001330

Previews

White Background



This preview shows how the Hex color #DEA040 looks on a white background.

Color Contrast Check

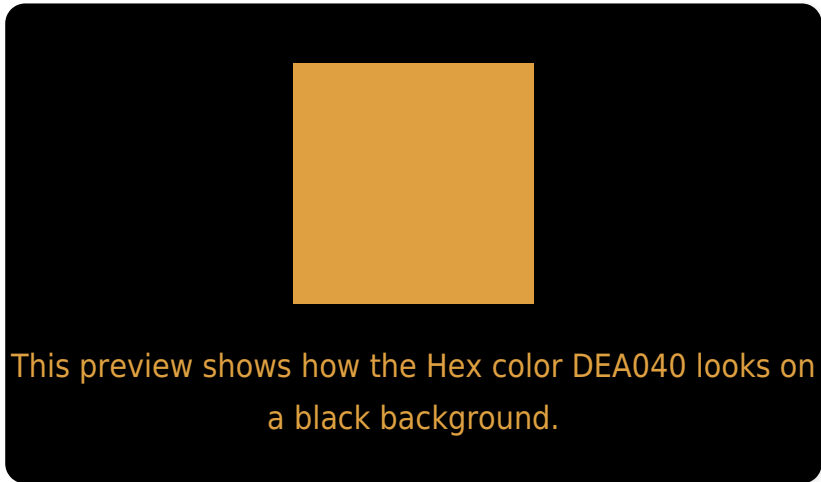
Large Text (above 18pt) WCAG AA × Fail

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 DEA040 Background



This preview shows how black text looks on a background with the Hex color DEA040.

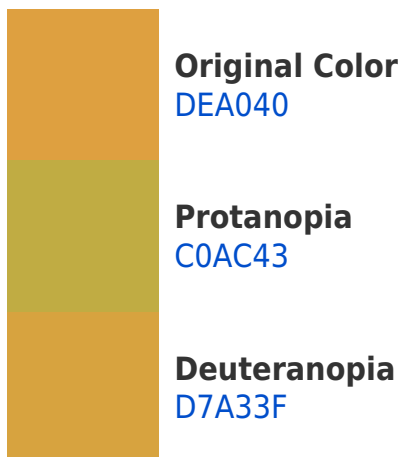


This preview shows how white text looks on a background with the Hex color DEA040.

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](#).

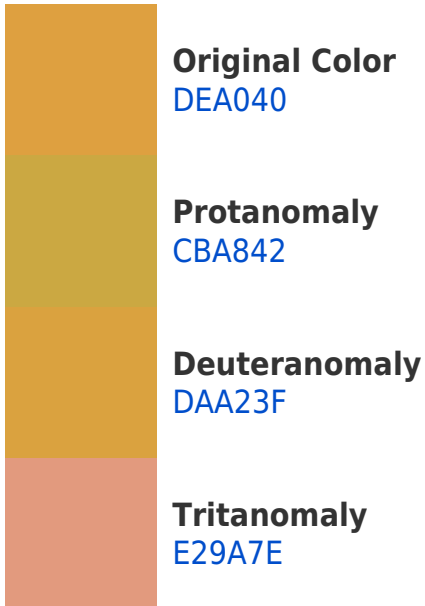
Dichromacy



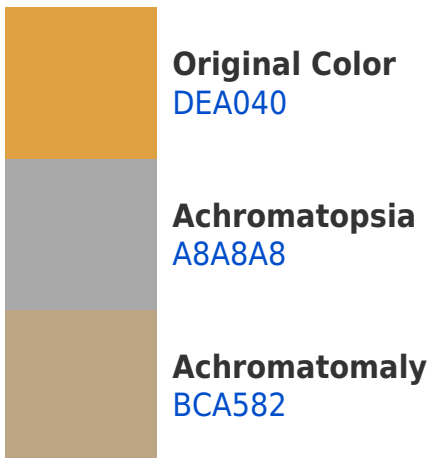


Tritanopia
E596A1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DEA040 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 #DEA040 looks like.

```
.text, #text, p{  
    color:#DEA040  
}
```

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 #DEA040 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DEA040
}
```

Border

The CSS property to change the border of an element to Hex DEA040 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
#DEA040 }
```

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

```
.border{ border-color:#DEA040 }
```

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

Here you see how a box with a 4 pixel #DEA040 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DEA040; -webkit-box-shadow:4px 4px  
4px 4px #DEA040; box-shadow:4px 4px 4px  
4px #DEA040 }
```

Background

The CSS property to change the background color of an element to Hex DEA040 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DEA040 }
```

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

```
.background{ background-color:#DEA040 }
```

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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