

# Converting Colors

Hex(DEA15D)

Have a look what the booklet for  
Hex(DEA15D) contains.

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# **Color**

**Hex(DEA15D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DEA15D
RGB	222, 161, 93
RGB Percent	87%, 63%, 36%
CMY	0.1294, 0.3686, 0.6353
CMYK	0.00, 0.27, 0.58, 0.13
HSL	32°, 66%, 62%
HSV	32°, 58%, 87%
XYZ	44.8449, 41.8096, 16.0624
YIQ	171.4870, 58.1840, -8.2160

# Conversions

## Conversions Part 2

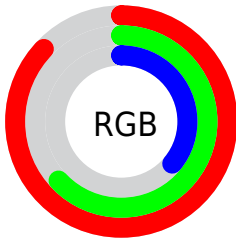
Format	Color
R <sub>Y</sub> B	209, 222, 93
Decimal	14590301
CIE Lab	70.74, 15.37, 43.87
CIE LCh	71, 46.489, 70.691
Yxy	41.8096, 0.4366, 0.4070
Android (android.graphics.Color)	4292780381 (0xFFDEA15D)
YUV	171.4870, -38.6941, 44.2999
Hunter-Lab	64.6604, 10.6420, 30.5339

# Details

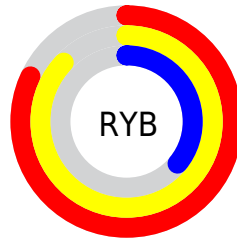
The Hex color **DEA15D** is a light color, and the websafe version is hex **CC9966**. The color can be described as light muted orange. A complement of this color would be **5D9ADE**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **FFD891**, and **A36D2C** is the 20% darker color. If you saturate the color by 10%, you get **DE9747**, and if you desaturate by 10%, it is **DEAB73**.

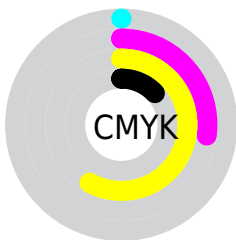
# Distribution



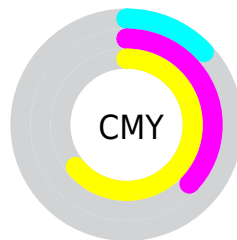
- Red (87%)
- Green (63%)
- Blue (36%)



- Red (82%)
- Yellow (87%)
- Blue (36%)



- Cyan (0%)
- Magenta (27%)
- Yellow (58%)
- Black (13%)



- Cyan (13%)
- Magenta (37%)
- Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DEA15D 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 DEA15D by changing the saturation by 10% instead.



 DEA15D

 DEA15D

FFFFFF

 C08744

 FFD891

 A36D2C

 FFF4AC

 875512

 FFFFC8

 6B3E00

 FFFFE4

 502800

 351300

 1F0000

 000000

 DEA15D

 DEA15D

 DE9747

 DEAB73

 DE8C31

 DEB689

 DE821A

 DEC0A0

 DE7704

 DECBB6

 DE7500

 DED5CC

 DEE0E2

 DEEAF8

 DEF5FF

 DEFFFF

# Harmonies

## Analogous

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



F79278



DEA15D



B8B058

# Triad

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



DEA15D



00C3BB



C59CED

# Complementary

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



DEA15D



5D9ADE

# 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.



84ACFF



DEA15D



00C1E3

# Square

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



DEA15D



4FC190



05B9FC



ED8ECA

# Rectangle

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



DEA15D



9BB762



05B9FC



B2A2F6



# Sweetspot

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



DEA15D



FFEBD4



DE5D9B



807366



000000



808080



# Same Dimension

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



DEA15D



FFAB4D



DCDE5D



706B65



B05D00



301A00



# Inverse Universe

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



5D9ADE



4DA1FF



5F5DDE



656A70



0053B0



001730



# Previews

## White Background



This preview shows how the Hex color DEA15D 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

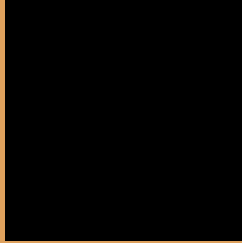
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex DEA15D Background



This preview shows how black text looks on a background with the Hex color DEA15D.

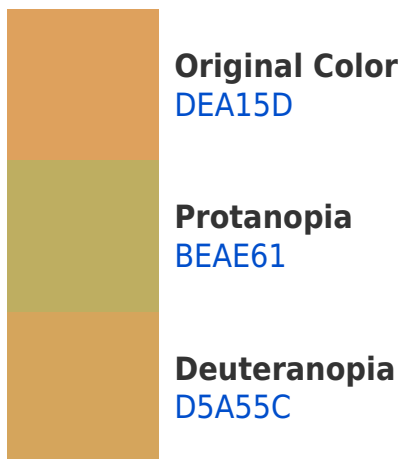


This preview shows how white text looks on a background with the Hex color DEA15D.

# 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](#).

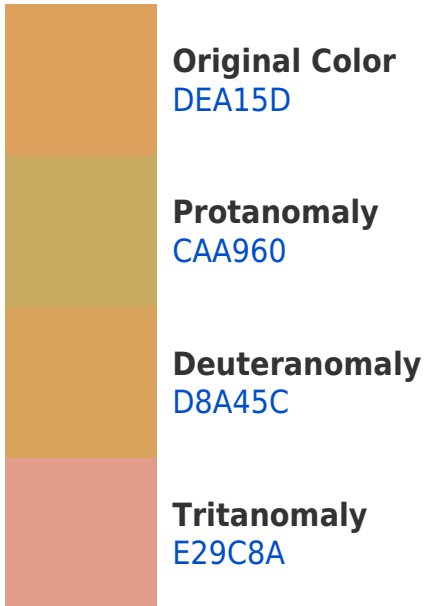
## Dichromacy





**Tritanopia**  
E499A4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex DEA15D 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 #DEA15D looks like.

```
.text, #text, p{  
    color:#DEA15D  
}
```

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 #DEA15D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DEA15D
}
```

## Border

The CSS property to change the border of an element to Hex DEA15D 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
#DEA15D }
```

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

```
.border{ border-color:#DEA15D }
```

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

Here you see how a box with a 4 pixel #DEA15D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DEA15D; -webkit-box-shadow:4px 4px  
4px 4px #DEA15D; box-shadow:4px 4px 4px  
4px #DEA15D }
```

# Background

The CSS property to change the background color of an element to Hex DEA15D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DEA15D }
```

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

```
.background{ background-color:#DEA15D }
```

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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