

# Converting Colors

Hex(DEA71E)

Have a look what the booklet for  
Hex(DEA71E) contains.

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# **Color**

**Hex(DEA71E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DEA71E
RGB	222, 167, 30
RGB Percent	87%, 65%, 12%
CMY	0.1294, 0.3451, 0.8824
CMYK	0.00, 0.25, 0.86, 0.13
HSL	43°, 76%, 49%
HSV	43°, 86%, 87%
XYZ	44.1773, 43.2608, 7.2501
YIQ	167.8270, 76.7570, -30.9470

# Conversions

## Conversions Part 2

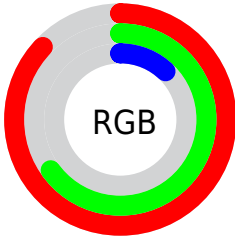
<b>Format</b>	<b>Color</b>
<b>RYB</b>	107, 222, 30
Decimal	14591774
CIELab	71.73, 9.15, 70.20
CIELCh	72, 70.793, 82.570
Yxy	43.2608, 0.4666, 0.4569
Android (android.graphics.Color)	4292781854 (0xFFDEA71E)
YUV	167.8270, -67.9487, 47.5097
Hunter-Lab	65.7729, 4.7893, 39.5056

# Details

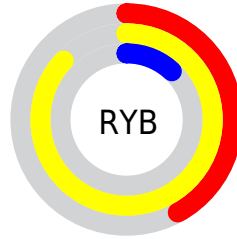
The Hex color **DEA71E** is a dark color, and the websafe version is hex **CC9900**. The color can be described as middle washed orange. A complement of this color would be **1E55DE**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **FFDE5B**, and **A27300** is the 20% darker color. If you saturate the color by 10%, you get **DEA108**, and if you desaturate by 10%, it is **DEAD34**.

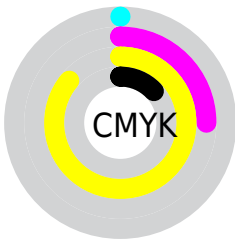
# Distribution



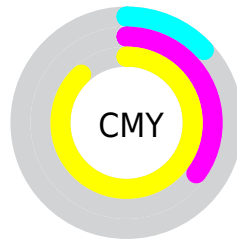
- Red (87%)
- Green (65%)
- Blue (12%)



- Red (42%)
- Yellow (87%)
- Blue (12%)



- Cyan (0%)
- Magenta (25%)
- Yellow (86%)
- Black (13%)



- Cyan (13%)
- Magenta (35%)
- Yellow (88%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DEA71E 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 DEA71E by changing the saturation by 10% instead.



 DEA71E

 DEA71E

FFFFFF

 C08D00

 FFDE5B

 A27300

 FFFA76

 855B00

 FFFF92

 684400

 FFFFAE

 4C2E00

 FFFFCB

 321900

 FFFFEB

 1A0000

 000000

 DEA71E

 DEA71E

■ DEA108

■ DEAD34

■ DE9E00

■ DEB44A

■ DEBA61

■ DEC077

■ DEC78D

■ DECDA3

■ DED4B9

■ DEDAD0

■ DEE0E6

# Harmonies

## Analogous

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



FF8D49



DEA71E



A1BB28

# Triad

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



DEA71E



00CEE0



EE89FF

# Complementary

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



DEA71E



1E55DE

# 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.



92A5FF



DEA71E



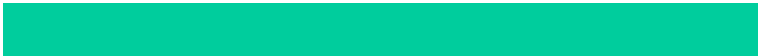
00C9FF

# Square

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



DEA71E



00CD9D



00BCFF



FF73C3

# Rectangle

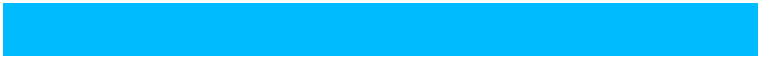
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



DEA71E



6EC449



00BCFF



D692FF



# Sweetspot

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



DEA71E



FFECBD



DE1E58



807458



000000



808080



# Same Dimension

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



DEA71E



FFB600



B8DE1E



706D65



B07E00



302300



# Inverse Universe

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



1E55DE



0049FF



441EDE



656870



0032B0



000E30



# Previews

## White Background



This preview shows how the Hex color #DEA71E looks on a white background.

## Color Contrast Check

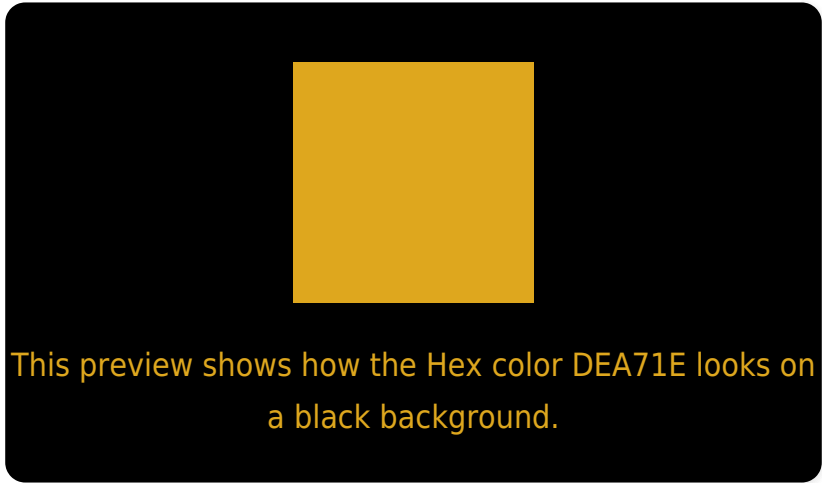
Large Text (above 18pt) WCAG AA × Fail

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 DEA71E Background



This preview shows how black text looks on a background with the Hex color DEA71E.



This preview shows how white text looks on a background with the Hex color DEA71E.

# 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](#).

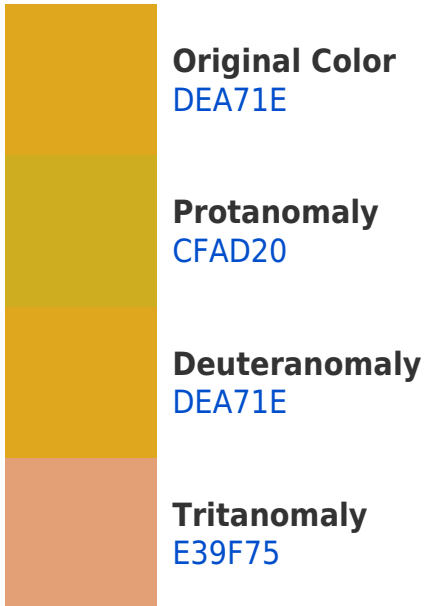
## Dichromacy



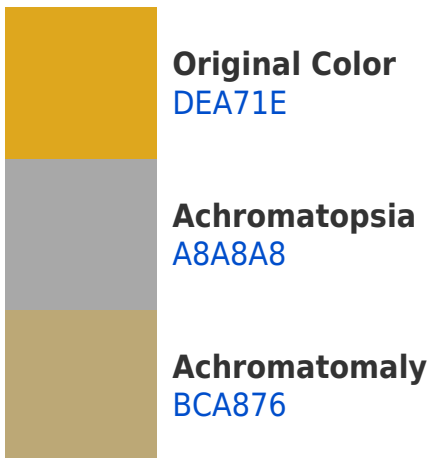


**Tritanopia**  
E69BA7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex DEA71E 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 #DEA71E looks like.

```
.text, #text, p{  
    color:#DEA71E  
}
```

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 #DEA71E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DEA71E
}
```

## Border

The CSS property to change the border of an element to Hex DEA71E 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
#DEA71E }
```

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

```
.border{ border-color:#DEA71E }
```

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

Here you see how a box with a 4 pixel #DEA71E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DEA71E; -webkit-box-shadow:4px 4px  
4px 4px #DEA71E; box-shadow:4px 4px 4px  
4px #DEA71E }
```

# Background

The CSS property to change the background color of an element to Hex DEA71E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DEA71E }
```

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

```
.background{ background-color:#DEA71E }
```

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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