

# Converting Colors

Hex(DEA505)

Have a look what the booklet for  
Hex(DEA505) contains.

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# **Color**

**Hex(DEA505)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DEA505
RGB	222, 165, 5
RGB Percent	87%, 65%, 2%
CMY	0.1294, 0.3529, 0.9804
CMYK	0.00, 0.26, 0.98, 0.13
HSL	44°, 96%, 45%
HSV	44°, 98%, 87%
XYZ	43.6067, 42.4508, 6.0391
YIQ	163.8030, 85.3320, -37.6760

# Conversions

## Conversions Part 2

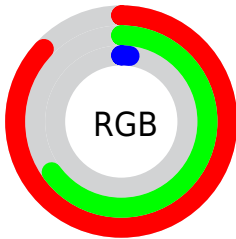
Format	Color
<a href="#">RYB</a>	<a href="#">82, 222, 5</a>
Decimal	<a href="#">14591237</a>
CIELab	<a href="#">71.18, 9.86, 74.04</a>
CIELCh	<a href="#">71, 74.692, 82.418</a>
Yxy	<a href="#">42.4508, 0.4735, 0.4609</a>
Android (android.graphics.Color)	<a href="#">4292781317 (0xFFDEA505)</a>
YUV	<a href="#">163.8030, -78.2899, 51.0388</a>
Hunter-Lab	<a href="#">65.1543, 5.4472, 40.1125</a>

# Details

The Hex color **DEA505** is a dark color, and the websafe version is hex **CC9900**. The color can be described as dark washed orange. A complement of this color would be **053EDE**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **FFDC4F**, and **A17200** is the 20% darker color. If you saturate the color by 10%, you get **DEA400**, and if you desaturate by 10%, it is **DEAB1B**.

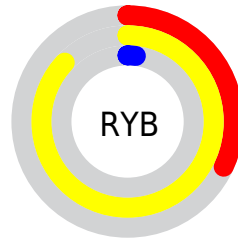
# Distribution



Red (87%)

Green (65%)

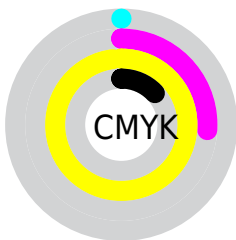
Blue (2%)



Red (32%)

Yellow (87%)

Blue (2%)

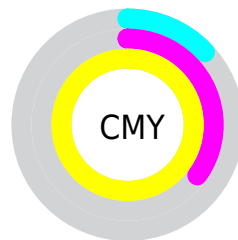


Cyan (0%)

Magenta (26%)

Yellow (98%)

Black (13%)



Cyan (13%)

Magenta (35%)

Yellow (98%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DEA505 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 DEA505 by changing the saturation by 10% instead.



 DEA505

 DEA505

FFFFFF

 BF8B00

 FFDC4F

 A17200

 FFF86C

 845900

 FFFF88

 674200

 FFFFA4

 4B2C00

 FFFFC1

 311800

 FFFFDE

 190000

 FFFFFB

 000000

 DEA505

 DEA505

■ DEA400

■ DEAB1B

■ DEB131

■ DEB648

■ DEBC5E

■ DEC274

■ DEC88A

■ DECEA0

■ DED4B7

■ DED9CD

# Harmonies

## Analogous

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



FF8942



DEA505



9EBA17

# Triad

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



DEA505



00CEE0



EF84FF

# Complementary

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



DEA505



053EDE

# 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.



8BA4FF



DEA505



00C9FF

# Square

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



DEA505



00CD9A



00BBFF



FF6CC3

# Rectangle

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



DEA505



68C340



00BBFF



D58FFF



# Sweetspot

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



DEA505



FFECB5



DE053F



807453



000000



808080



# Same Dimension

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



DEA505



FFBC00



ABDE05



706D65



B08200



302400



# Inverse Universe

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



053EDE



0043FF



3805DE



656870



002EB0



000D30



# Previews

## White Background



This preview shows how the Hex color #DEA505 looks on a white background.

## Color Contrast Check

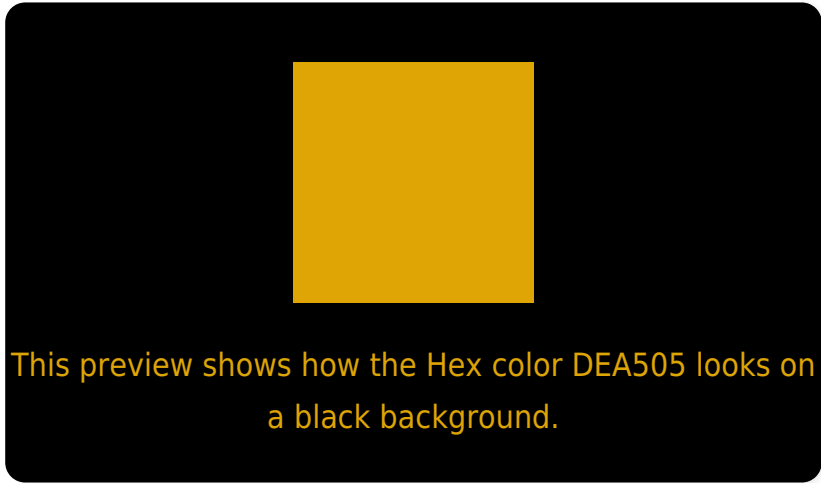
Large Text (above 18pt) WCAG AA × Fail

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 DEA505 Background



This preview shows how black text looks on a background with the Hex color DEA505.

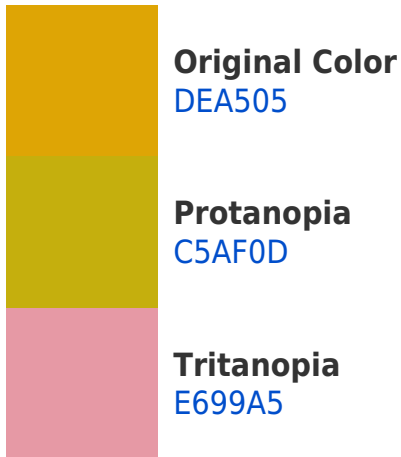


This preview shows how white text looks on a background with the Hex color DEA505.

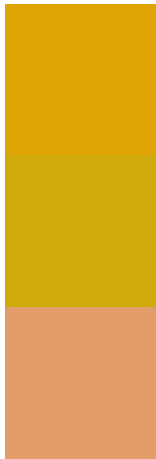
# Color Blindness Simulation

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



# Trichromacy



**Original Color**  
DEA505

**Protanomaly**  
CEAB0A

**Tritanomaly**  
E39D6B

# Monochromacy



**Original Color**  
DEA505

**Achromatopsia**  
A4A4A4

**Achromatomaly**  
B9A46A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex DEA505 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 #DEA505 looks like.

```
.text, #text, p{  
    color:#DEA505  
}
```

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 #DEA505 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DEA505
}
```

## Border

The CSS property to change the border of an element to Hex DEA505 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
#DEA505 }
```

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

```
.border{ border-color:#DEA505 }
```

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

Here you see how a box with a 4 pixel #DEA505 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DEA505; -webkit-box-shadow:4px 4px  
4px 4px #DEA505; box-shadow:4px 4px 4px  
4px #DEA505 }
```

# Background

The CSS property to change the background color of an element to Hex DEA505 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DEA505 }
```

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

```
.background{ background-color:#DEA505 }
```

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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