

Converting Colors

Hex(DEA008)

Have a look what the booklet for
Hex(DEA008) contains.

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Color

Hex(DEA008)

Conversions

Conversions Part 1

Format	Color
Hex	DEA008
RGB	222, 160, 8
RGB Percent	87%, 63%, 3%
CMY	0.1294, 0.3725, 0.9686
CMYK	0.00, 0.28, 0.96, 0.13
HSL	43°, 93%, 45%
HSV	43°, 96%, 87%
XYZ	42.7388, 40.6887, 5.8309
YIQ	161.2100, 85.7440, -34.1280

Conversions

Conversions Part 2

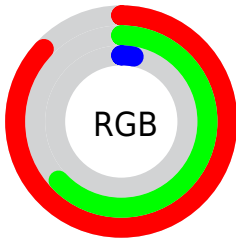
Format	Color
RYB	95, 222, 8
Decimal	14589960
CIELab	69.96, 12.55, 72.82
CIELCh	70, 73.891, 80.219
Yxy	40.6887, 0.4788, 0.4559
Android (android.graphics.Color)	4292780040 (0xFFDEA008)
YUV	161.2100, -75.5325, 53.3128
Hunter-Lab	63.7877, 7.9694, 39.2317

Details

The Hex color **DEA008** 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 **0846DE**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **FFD64F**, and **A16D00** is the 20% darker color. If you saturate the color by 10%, you get **DE9E00**, and if you desaturate by 10%, it is **DEA61E**.

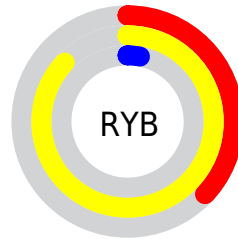
Distribution



Red (87%)

Green (63%)

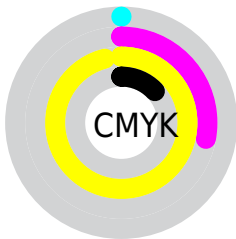
Blue (3%)



Red (37%)

Yellow (87%)

Blue (3%)

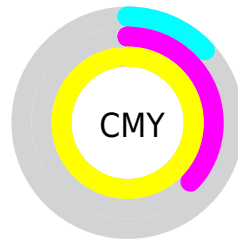


Cyan (0%)

Magenta (28%)

Yellow (96%)

Black (13%)



Cyan (13%)

Magenta (37%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the Hex color DEA008 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 DEA008 by changing the saturation by 10% instead.

 DEA008

 DEA008

FFFFFF

 BF8600

 FFD64F

 A16D00

 FFF36C

 845500

 FFFF87

 673E00

 FFFFA4

 4B2800

 FFFFC0

 311400

 FFFFDD

 190001

 FFFFFB

 000000

 DEA008

 DEA008

 DE9E00

 DEA61E

 DEAD34

 DEB34B

 DEBA61

 DEC077

 DEC78D

 DECDA3

 DED3BA

 DEDAD0

Harmonies

Analogous

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



FF8444



DEA008



A0B50F

Triad

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



DEA008



00CAD7



E684FF

Complementary

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



DEA008



0846DE

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.



7DA2FF



DEA008



00C6FF

Square

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



DEA008



00C992



00B9FF



FF6AC4

Rectangle

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



DEA008



6CBF3A



00B9FF



CB8FFF

Sweetspot

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



DEA008



FFEAB5



DE0848



807353



000000



808080

Same Dimension

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



DEA008



FFB500



B3DE08



706D65



B07D00



302200

Inverse Universe

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



0846DE



004AFF



3308DE



656870



0033B0



000E30

Previews

White Background



This preview shows how the Hex color #DEA008 looks on a white background.

Color Contrast Check

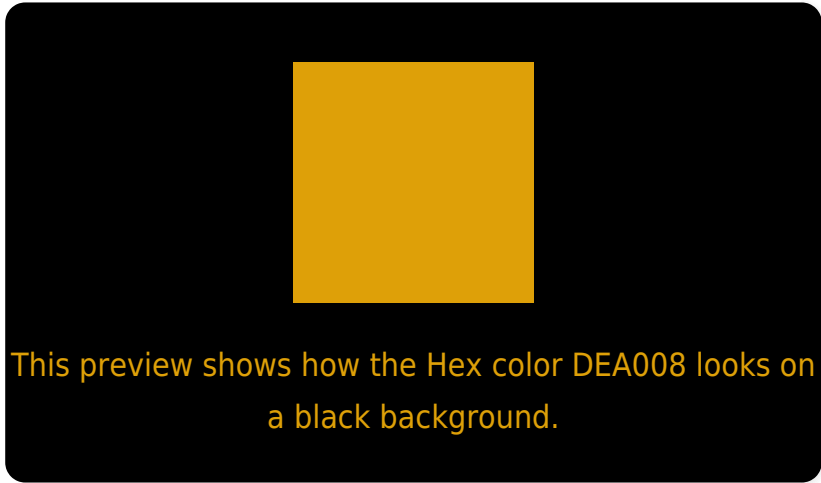
Large Text (above 18pt) WCAG AA × Fail

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 DEA008 Background



This preview shows how black text looks on a background with the Hex color DEA008.



This preview shows how white text looks on a background with the Hex color DEA008.

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
DEA008

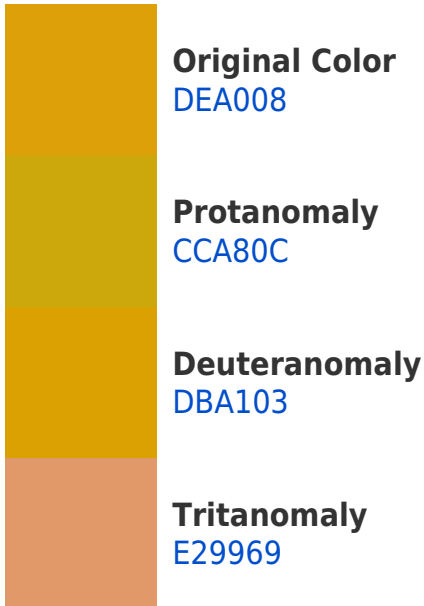
Protanopia
C1AC0F

Deuteranopia
D9A200



Tritanopia
E595A0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DEA008 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 #DEA008 looks like.

```
.text, #text, p{  
    color:#DEA008  
}
```

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 #DEA008 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DEA008
}
```

Border

The CSS property to change the border of an element to Hex DEA008 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
#DEA008 }
```

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

```
.border{ border-color:#DEA008 }
```

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

Here you see how a box with a 4 pixel #DEA008 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DEA008; -webkit-box-shadow:4px 4px  
4px 4px #DEA008; box-shadow:4px 4px 4px  
4px #DEA008 }
```

Background

The CSS property to change the background color of an element to Hex DEA008 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DEA008 }
```

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

```
.background{ background-color:#DEA008 }
```

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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