

Converting Colors

Hex(DEAB0E)

Have a look what the booklet for
Hex(DEAB0E) contains.

Hex(DEAB0E)	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(DEAB0E)

Conversions

Conversions Part 1

Format	Color
Hex	DEAB0E
RGB	222, 171, 14
RGB Percent	87%, 67%, 5%
CMY	0.1294, 0.3294, 0.9451
CMYK	0.00, 0.23, 0.94, 0.13
HSL	45°, 88%, 46%
HSV	45°, 94%, 87%
XYZ	44.7664, 44.6871, 6.6815
YIQ	168.3510, 80.7930, -38.0150

Conversions

Conversions Part 2

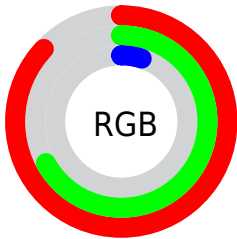
Format	Color
R _Y B	82, 222, 14
Decimal	14592782
CIE Lab	72.69, 6.76, 74.02
CIE LCh	73, 74.327, 84.784
Yxy	44.6871, 0.4657, 0.4648
Android (android.graphics.Color)	4292782862 (0xFFDEAB0E)
YUV	168.3510, -76.0950, 47.0502
Hunter-Lab	66.8484, 2.5513, 40.8679

Details

The Hex color **DEAB0E** 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 **0E41DE**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **FFE253**, and **A27700** is the 20% darker color. If you saturate the color by 10%, you get **DEA800**, and if you desaturate by 10%, it is **DEB024**.

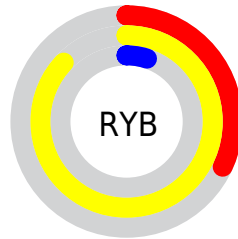
Distribution



Red (87%)

Green (67%)

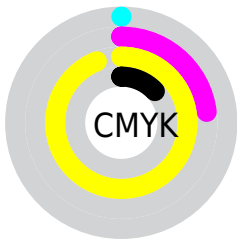
Blue (5%)



Red (32%)

Yellow (87%)

Blue (5%)

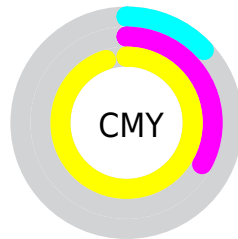


Cyan (0%)

Magenta (23%)

Yellow (94%)

Black (13%)



Cyan (13%)

Magenta (33%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color DEAB0E 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 DEAB0E by changing the saturation by 10% instead.

 DEAB0E

 DEAB0E

FFFFFF

 C09100

 FFE253

 A27700

 FFFF70

 845F00

 FFFF8C

 674700

 FFFFA8

 4C3100

 FFFFC5

 321D00

 FFFF E2

 190400

 000000

 DEAB0E

 DEAB0E

■ DEA800

■ DEB024

■ DEB63A

■ DEBB51

■ DEC167

■ DEC67D

■ DECC93

■ DED1A9

■ DED7C0

■ DEDCD6

Harmonies

Analogous

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



FF8F42



DEAB0E



9DBF23

Triad

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



DEAB0E



00D2EA



F986FF

Complementary

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



DEAB0E



0E41DE

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.



9BA5FF



DEAB0E



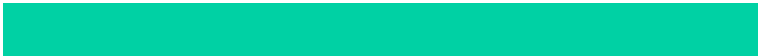
00CCFF

Square

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



DEAB0E



00D1A4



00BEFF



FF70C1

Rectangle

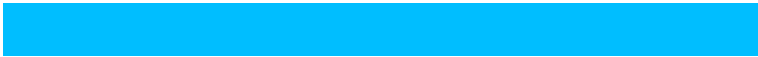
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



DEAB0E



65C84A



00BEFF



E091FF

Sweetspot

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



DEAB0E



FFEDB8



DE0E42



807554



000000



808080

Same Dimension

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



DEAB0E



FFC000



AADE0E



706D65



B08500



302500

Inverse Universe

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



0E41DE



003FFF



420EDE



656870



002BB0



000C30

Previews

White Background



This preview shows how the Hex color DEAB0E looks on a white background.

Color Contrast Check

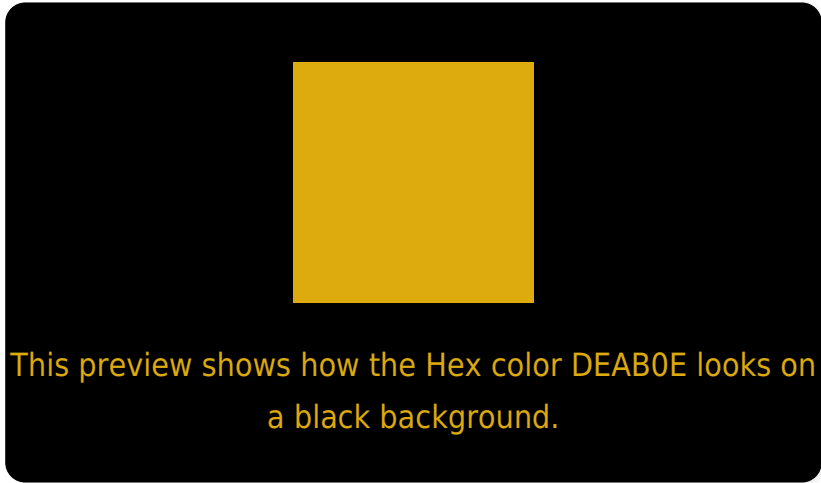
Large Text (above 18pt) WCAG AA × Fail

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 DEAB0E Background



This preview shows how black text looks on a background with the Hex color DEAB0E.



This preview shows how white text looks on a background with the Hex color DEAB0E.

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
DEAB0E

Protanopia
C9B312

Deuteranopia
E2A911

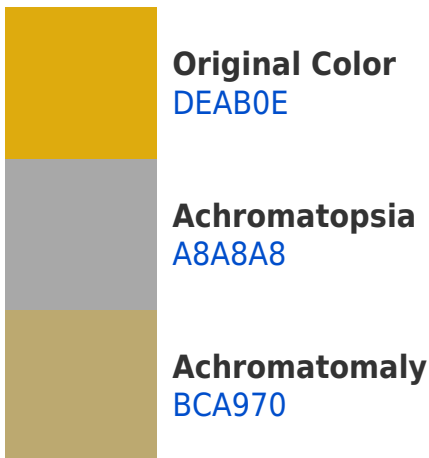


Tritanopia
E69FAB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DEAB0E 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 #DEAB0E looks like.

```
.text, #text, p{  
    color:#DEAB0E  
}
```

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 #DEAB0E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DEAB0E
}
```

Border

The CSS property to change the border of an element to Hex DEAB0E 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
#DEAB0E }
```

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

```
.border{ border-color:#DEAB0E }
```

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

Here you see how a box with a 4 pixel #DEAB0E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DEAB0E; -webkit-box-shadow:4px 4px  
4px 4px #DEAB0E; box-shadow:4px 4px 4px  
4px #DEAB0E }
```

Background

The CSS property to change the background color of an element to Hex DEAB0E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DEAB0E }
```

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

```
.background{ background-color:#DEAB0E }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor