

Converting Colors

Hex(DEAB13)

Have a look what the booklet for
Hex(DEAB13) contains.

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Color

Hex(DEAB13)

Conversions

Conversions Part 1

Format	Color
Hex	DEAB13
RGB	222, 171, 19
RGB Percent	87%, 67%, 7%
CMY	0.1294, 0.3294, 0.9255
CMYK	0.00, 0.23, 0.91, 0.13
HSL	45°, 84%, 47%
HSV	45°, 91%, 87%
XYZ	44.8047, 44.7024, 6.8831
YIQ	168.9210, 79.1880, -36.4600

Conversions

Conversions Part 2

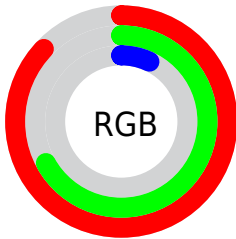
Format	Color
RYB	87, 222, 19
Decimal	14592787
CIELab	72.70, 6.82, 73.25
CIELCh	73, 73.569, 84.677
Yxy	44.7024, 0.4648, 0.4638
Android (android.graphics.Color)	4292782867 (0xFFDEAB13)
YUV	168.9210, -73.9111, 46.5503
Hunter-Lab	66.8599, 2.6130, 40.6981

Details

The Hex color **DEAB13** 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 **1346DE**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **FFE255**, and **A27700** is the 20% darker color. If you saturate the color by 10%, you get **DEA600**, and if you desaturate by 10%, it is **DEB129**.

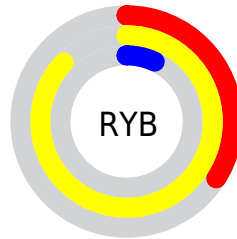
Distribution



Red (87%)

Green (67%)

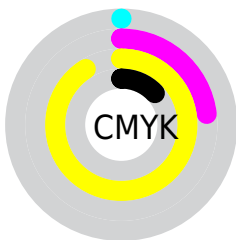
Blue (7%)



Red (34%)

Yellow (87%)

Blue (7%)

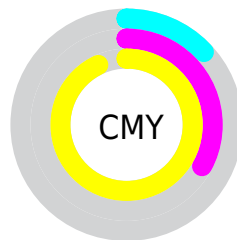


Cyan (0%)

Magenta (23%)

Yellow (91%)

Black (13%)



Cyan (13%)

Magenta (33%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color DEAB13 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 DEAB13 by changing the saturation by 10% instead.

 DEAB13

 DEAB13

FFFFFF

 C09100

 FFE255

 A27700

 FFFF72

 855F00

 FFFF8E

 684700

 FFFFFA

 4C3100

 FFFFC7

 321D00

 FFFFE4

 190400

 000000

 DEAB13

 DEAB13

■ DEA600

■ DEB129

■ DEB63F

■ DEBC56

■ DEC16C

■ DEC782

■ DECC98

■ DED2AE

■ DED8C5

■ DEDDDB

Harmonies

Analogous

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



FF9043



DEAB13



9EBF26

Triad

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



DEAB13



00D2E9



F887FF

Complementary

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



DEAB13



1346DE

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.



9BA6FF



DEAB13



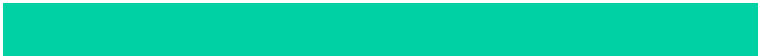
00CCFF

Square

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



DEAB13



00D1A4



00BEFF



FF71C1

Rectangle

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



DEAB13



66C84B



00BEFF



DF91FF

Sweetspot

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



DEAB13



FFEEBA



DE1349



807557



000000



808080

Same Dimension

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



DEAB13



FFBF00



AFDE13



706D65



B08400



302400

Inverse Universe

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



1346DE



0040FF



4213DE



656870



002CB0



000C30

Previews

White Background



This preview shows how the Hex color DEAB13 looks on a white background.

Color Contrast Check

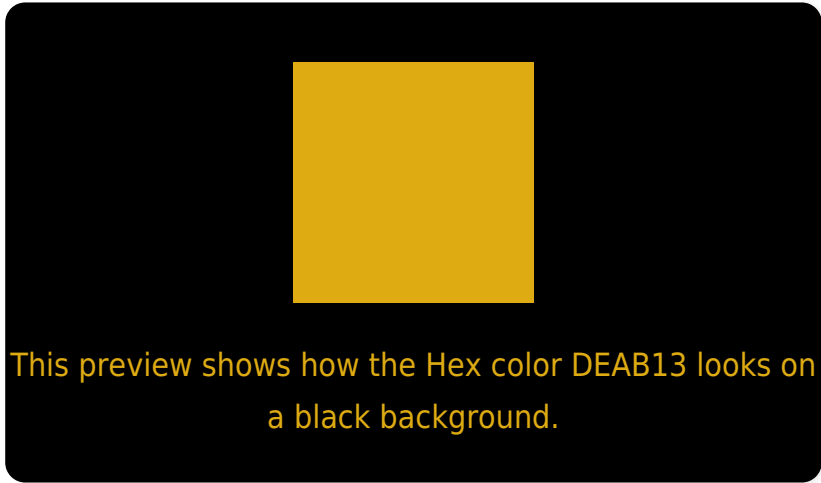
Large Text (above 18pt) WCAG AA × Fail

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 DEAB13 Background



This preview shows how black text looks on a background with the Hex color DEAB13.

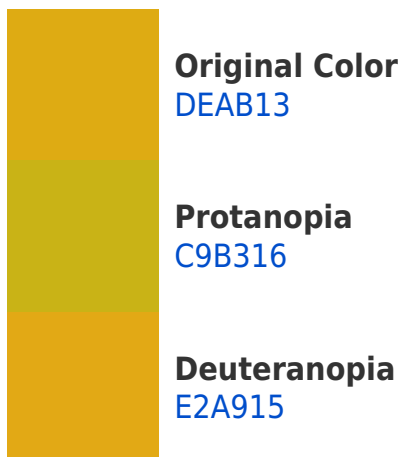


This preview shows how white text looks on a background with the Hex color DEAB13.

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](#).

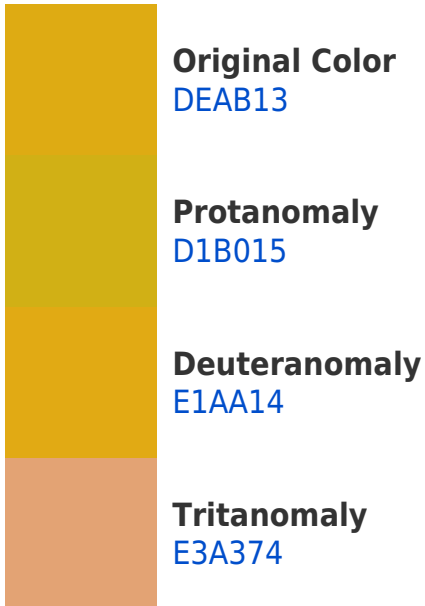
Dichromacy



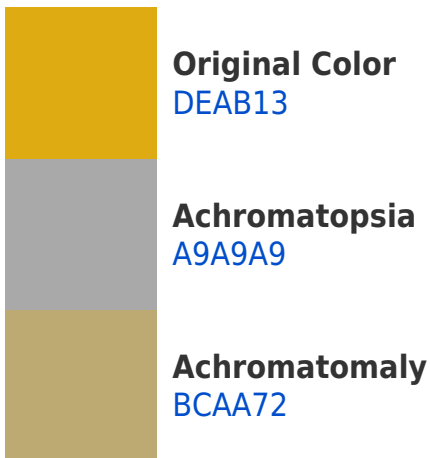


Tritanopia
E69FAB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DEAB13 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 #DEAB13 looks like.

```
.text, #text, p{  
    color:#DEAB13  
}
```

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 #DEAB13 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DEAB13
}
```

Border

The CSS property to change the border of an element to Hex DEAB13 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
#DEAB13 }
```

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

```
.border{ border-color:#DEAB13 }
```

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

Here you see how a box with a 4 pixel #DEAB13 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DEAB13; -webkit-box-shadow:4px 4px  
4px 4px #DEAB13; box-shadow:4px 4px 4px  
4px #DEAB13 }
```

Background

The CSS property to change the background color of an element to Hex DEAB13 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DEAB13 }
```

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

```
.background{ background-color:#DEAB13 }
```

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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