

Converting Colors

Hex(DEAB57)

Have a look what the booklet for
Hex(DEAB57) contains.

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Color

Hex(DEAB57)

Conversions

Conversions Part 1

Format	Color
Hex	DEAB57
RGB	222, 171, 87
RGB Percent	87%, 67%, 34%
CMY	0.1294, 0.3294, 0.6588
CMYK	0.00, 0.23, 0.61, 0.13
HSL	37°, 67%, 61%
HSV	37°, 61%, 87%
XYZ	46.4074, 45.3435, 15.3231
YIQ	176.6730, 57.3600, -15.3120

Conversions

Conversions Part 2

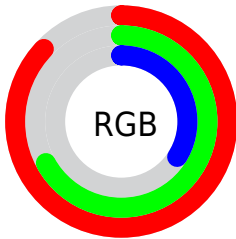
Format	Color
RYB	169, 222, 87
Decimal	14592855
CIELab	73.12, 9.59, 49.62
CIELCh	73, 50.539, 79.060
Yxy	45.3435, 0.4334, 0.4235
Android (android.graphics.Color)	4292782935 (0xFFDEAB57)
YUV	176.6730, -44.2088, 39.7518
Hunter-Lab	67.3376, 5.1770, 33.6445

Details

The Hex color **DEAB57** is a light color, and the websafe version is hex **CC9933**. The color can be described as light muted orange. A complement of this color would be **578ADE**, and the grayscale version is **B1B1B1**.

A 20% lighter version of the original color is **FFE28B**, and **A37724** is the 20% darker color. If you saturate the color by 10%, you get **DEA341**, and if you desaturate by 10%, it is **DEB36D**.

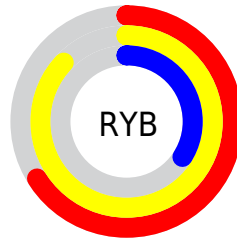
Distribution



Red (87%)

Green (67%)

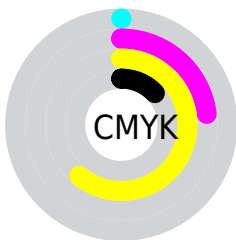
Blue (34%)



Red (66%)

Yellow (87%)

Blue (34%)

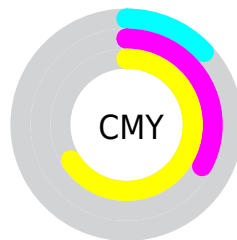


Cyan (0%)

Magenta (23%)

Yellow (61%)

Black (13%)



Cyan (13%)

Magenta (33%)

Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color DEAB57 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 DEAB57 by changing the saturation by 10% instead.

 DEAB57

 DEAB57

FFFFFF

 C0913E

 FFE28B

 A37724

 FFFFA6

 875E05

 FFFFC2

 6B4700

 FFFFDF

 503100

 FFFFFC

 361C00

 1E0300

 000000

 DEAB57

 DEAB57

 DEA341

 DEB36D

 DE9A2B

 DEBC83

 DE9214

 DEC49A

 DE8A00

 DECDB0

 DED5C6

 DEDDDC

 DEE6F2

 DEEEFF

 DEF6FF

Harmonies

Analogous

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



FE9A6F



DEAB57



B2BA59

Triad

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



DEAB57



00CBD0



DC9CF1

Complementary

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



DEAB57



578ADE

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.



9CAEFF



DEAB57



00C7F8

Square

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



DEAB57



29CAA0



2EBDFE



FF8FC6

Rectangle

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



DEAB57



90C269



2EBDFE



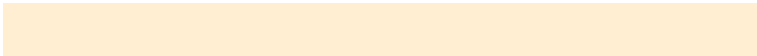
CAA2FC

Sweetspot

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



DEAB57



FFEEED1



DE578B



807563



000000



808080

Same Dimension

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



DEAB57



FFB945



CEDE57



706C65



B06D00



301E00

Inverse Universe

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



578ADE



458BFF



6757DE



656970



0042B0



001230

Previews

White Background



This preview shows how the Hex color DEAB57 looks on a white background.

Color Contrast Check

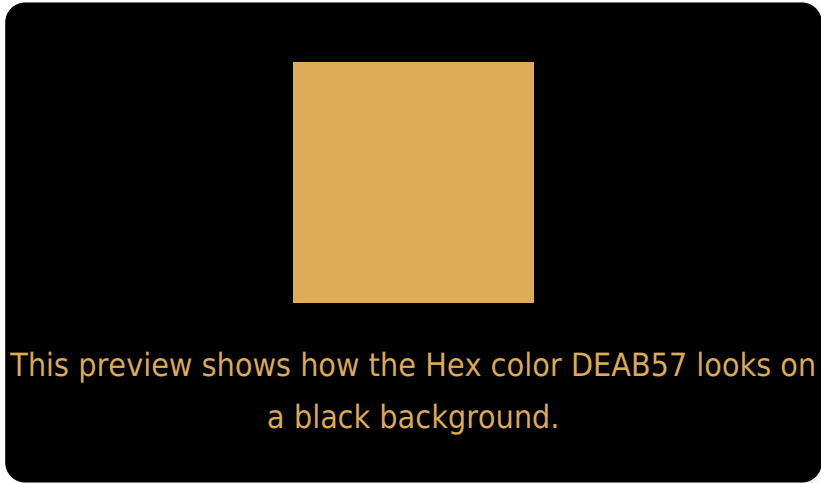
Large Text (above 18pt) WCAG AA × Fail

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 DEAB57 Background



This preview shows how black text looks on a background with the Hex color DEAB57.



This preview shows how white text looks on a background with the Hex color DEAB57.

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
DEAB57

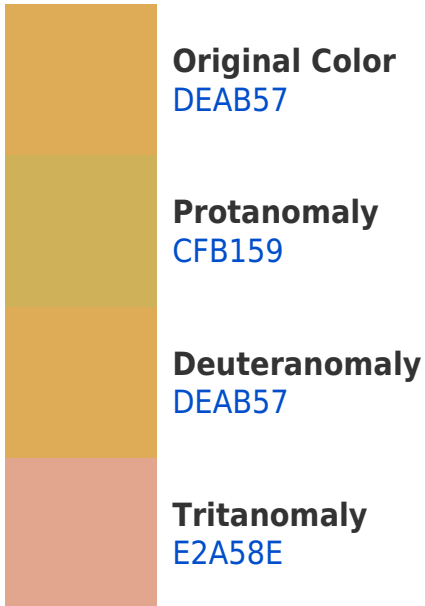
Protanopia
C7B45A

Deuteranopia
DEAB57



Tritanopia
E5A1AE

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DEAB57 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 #DEAB57 looks like.

```
.text, #text, p{  
    color:#DEAB57  
}
```

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 #DEAB57 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DEAB57  
}
```

Border

The CSS property to change the border of an element to Hex DEAB57 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  
#DEAB57 }
```

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

```
.border{ border-color:#DEAB57 }
```

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

Here you see how a box with a 4 pixel #DEAB57 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DEAB57; -webkit-box-shadow:4px 4px  
4px 4px #DEAB57; box-shadow:4px 4px 4px  
4px #DEAB57 }
```

Background

The CSS property to change the background color of an element to Hex DEAB57 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DEAB57 }
```

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

```
.background{ background-color:#DEAB57 }
```

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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