

Converting Colors

Hex(DEAC71)

Have a look what the booklet for
Hex(DEAC71) contains.

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Color

Hex(DEAC71)

Conversions

Conversions Part 1

Format	Color
Hex	DEAC71
RGB	222, 172, 113
RGB Percent	87%, 67%, 44%
CMY	0.1294, 0.3255, 0.5569
CMYK	0.00, 0.23, 0.49, 0.13
HSL	32°, 62%, 66%
HSV	32°, 49%, 87%
XYZ	47.8574, 46.2269, 22.0231
YIQ	180.2240, 48.7390, -7.7490

Conversions

Conversions Part 2

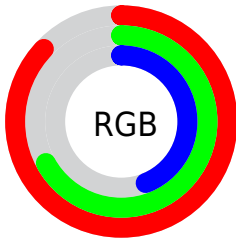
Format	Color
R_{YB}	205, 222, 113
Decimal	14593137
CIE Lab	73.69, 11.17, 37.24
CIE LCh	74, 38.881, 73.302
Yxy	46.2269, 0.4122, 0.3981
Android (android.graphics.Color)	4292783217 (0xFFDEAC71)
YUV	180.2240, -33.1414, 36.6376
Hunter-Lab	67.9904, 6.6602, 28.3883

Details

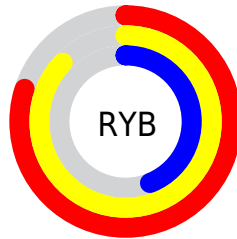
The Hex color **DEAC71** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **71A3DE**, and the grayscale version is **B5B5B5**.

A 20% lighter version of the original color is **FFE3A6**, and **A47840** is the 20% darker color. If you saturate the color by 10%, you get **DEA25B**, and if you desaturate by 10%, it is **DEB687**.

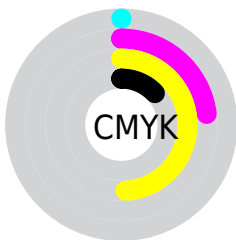
Distribution



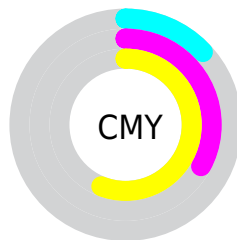
- Red (87%)
- Green (67%)
- Blue (44%)



- Red (80%)
- Yellow (87%)
- Blue (44%)



- Cyan (0%)
- Magenta (23%)
- Yellow (49%)
- Black (13%)



- Cyan (13%)
- Magenta (33%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color DEAC71 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 DEAC71 by changing the saturation by 10% instead.

 DEAC71

 DEAC71

FFFFFF

 C19158

 FFE3A6

 A47840

 FFFFC1

 885F28

 FFFFDD

 6D4710

 FFFFFA

 533100

 391C00

 210400

 000000

 DEAC71

 DEAC71

 DEA25B

 DEB687

 DE9845

 DEC09D

 DE8D2E

 DECBB4

 DE8318

 DED5CA

 DE7902

 DEDFE0

 DE7800

 DEE9F6

 DEF3FF

 DEFDFD

 DEFFFF

Harmonies

Analogous

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



F4A086



DEAC71



BDB86F

Triad

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



DEAC71



37C8C4



CDA6E9

Complementary

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



DEAC71



71A3DE

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.



9CB3FA



DEAC71



25C6E5

Square

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



DEAC71



68C79F



5FBEF9



EE9CCA

Rectangle

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



DEAC71



A3BF78



5FBEF9



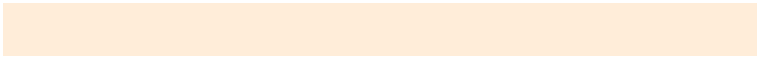
BEAAF1

Sweetspot

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



DEAC71



FFEDD9



DE71A4



807569



000000



808080

Same Dimension

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



DEAC71



FFBA69



DADE71



706B65



B05F00



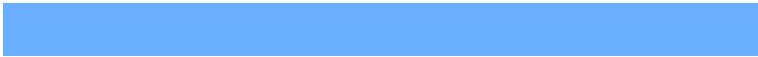
301A00

Inverse Universe

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



71A3DE



69AEFF



7571DE



656A70



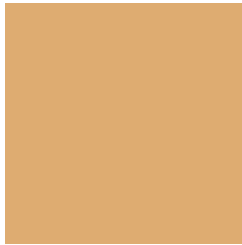
0051B0



001630

Previews

White Background



This preview shows how the Hex color DEAC71 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

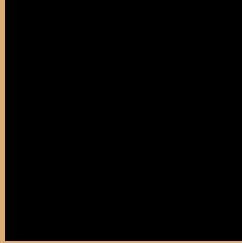
Any Text WCAG AA ✓ Pass

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 DEAC71 Background



This preview shows how black text looks on a background with the Hex color DEAC71.

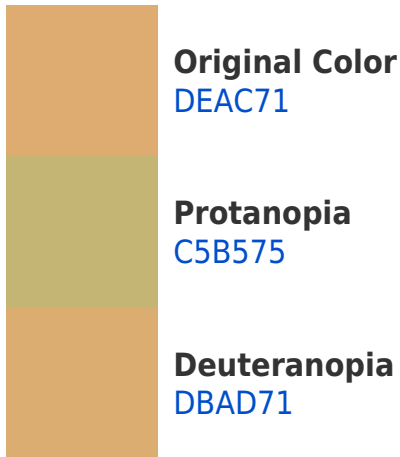


This preview shows how white text looks on a background with the Hex color DEAC71.

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](#).

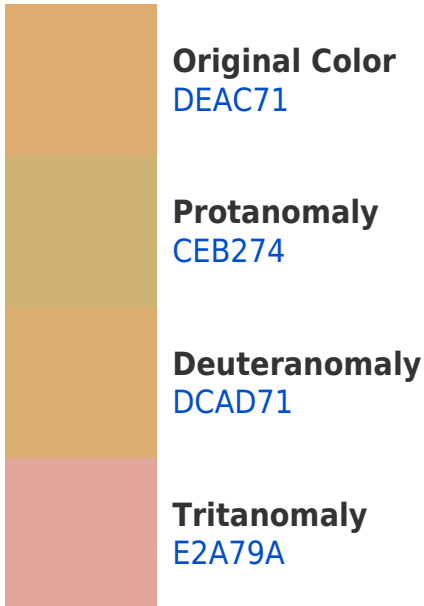
Dichromacy





Tritanopia
E4A4B1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DEAC71 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 #DEAC71 looks like.

```
.text, #text, p{  
    color:#DEAC71  
}
```

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 #DEAC71 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DEAC71
}
```

Border

The CSS property to change the border of an element to Hex DEAC71 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
#DEAC71 }
```

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

```
.border{ border-color:#DEAC71 }
```

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

Here you see how a box with a 4 pixel #DEAC71 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DEAC71; -webkit-box-shadow:4px 4px  
4px 4px #DEAC71; box-shadow:4px 4px 4px  
4px #DEAC71 }
```

Background

The CSS property to change the background color of an element to Hex DEAC71 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DEAC71 }
```

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

```
.background{ background-color:#DEAC71 }
```

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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