

Converting Colors

Hex(DEAC1A)

Have a look what the booklet for
Hex(DEAC1A) contains.

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Color

Hex(DEAC1A)

Conversions

Conversions Part 1

Format	Color
Hex	DEAC1A
RGB	222, 172, 26
RGB Percent	87%, 67%, 10%
CMY	0.1294, 0.3255, 0.8980
CMYK	0.00, 0.23, 0.88, 0.13
HSL	45°, 79%, 49%
HSV	45°, 88%, 87%
XYZ	45.0632, 45.1092, 7.3091
YIQ	170.3060, 76.6660, -34.8060

Conversions

Conversions Part 2

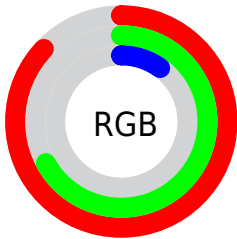
Format	Color
R_{YB}	93, 222, 26
Decimal	14593050
CIE _{Lab}	72.96, 6.42, 72.10
CIE _{LCh}	73, 72.388, 84.915
Yxy	45.1092, 0.4623, 0.4627
Android (android.graphics.Color)	4292783130 (0xFFDEAC1A)
YUV	170.3060, -71.1429, 45.3356
Hunter-Lab	67.1634, 2.2283, 40.5621

Details

The Hex color **DEAC1A** 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 **1A4CDE**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **FFE359**, and **A27800** is the 20% darker color. If you saturate the color by 10%, you get **DEA604**, and if you desaturate by 10%, it is **DEB230**.

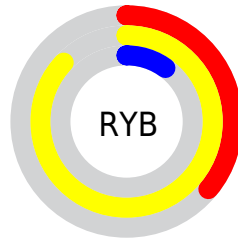
Distribution



Red (87%)

Green (67%)

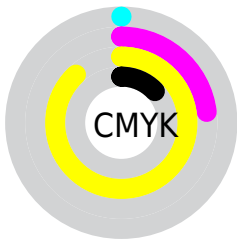
Blue (10%)



Red (36%)

Yellow (87%)

Blue (10%)

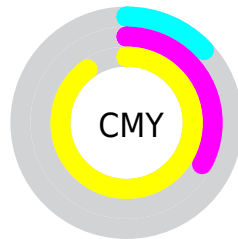


Cyan (0%)

Magenta (23%)

Yellow (88%)

Black (13%)



Cyan (13%)

Magenta (33%)

Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the Hex color DEAC1A 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 DEAC1A by changing the saturation by 10% instead.

 DEAC1A

 DEAC1A

FFFFFF

 C09200

 FFE359

 A27800

 FFFF75

 856000

 FFFF91

 684800

 FFFFAD

 4C3200

 FFFFFCA

 321D00

 FFFFFE7

 1A0500

 000000

 DEAC1A

 DEAC1A

 DEA604

 DEB230

 DEA500

 DEB746

 DEBD5D

 DEC373

 DEC889

 DECE9F

 DED4B5

 DED9CC

 DEDFE2

Harmonies

Analogous

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



FF9146



DEAC1A



9FC02B

Triad

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



DEAC1A



00D2E9



F889FF

Complementary

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



DEAC1A



1A4CDE

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.



9EA6FF



DEAC1A



00CCFF

Square

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



DEAC1A



00D2A5



00BEFF



FF73C1

Rectangle

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



DEAC1A



68C94E



00BEFF



E093FF

Sweetspot

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



DEAC1A



FFEEBD



DE1A4E



807558



000000



808080

Same Dimension

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



DEAC1A



FFBE00



B0DE1A



706D65



B08300



302400

Inverse Universe

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



1A4CDE



0041FF



481ADE



656870



002DB0



000C30

Previews

White Background



This preview shows how the Hex color DEAC1A looks on a white background.

Color Contrast Check

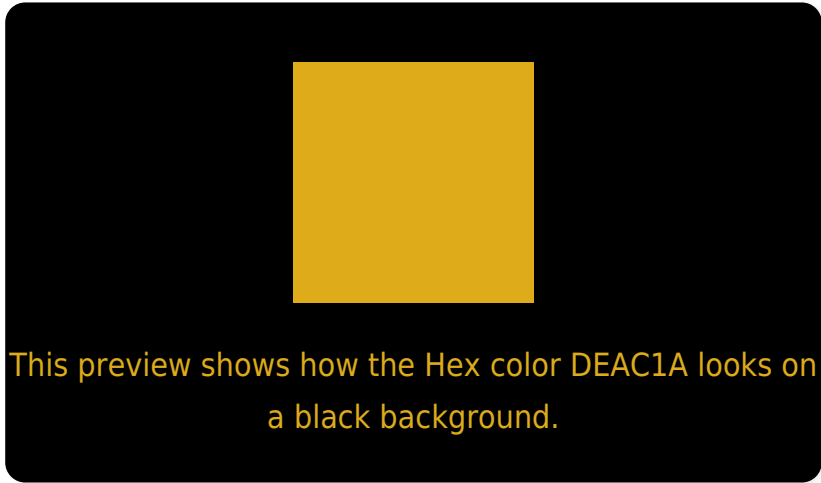
Large Text (above 18pt) WCAG AA × Fail

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 DEAC1A Background



This preview shows how black text looks on a background with the Hex color DEAC1A.



This preview shows how white text looks on a background with the Hex color DEAC1A.

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
DEAC1A

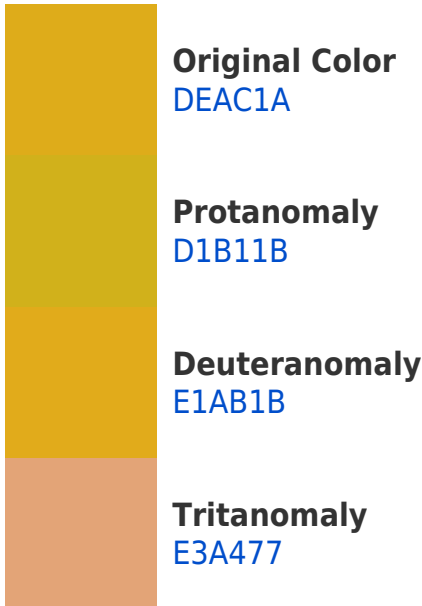
Protanopia
CAB41C

Deuteranopia
E2AA1C



Tritanopia
E6A0AC

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DEAC1A 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 #DEAC1A looks like.

```
.text, #text, p{  
    color:#DEAC1A  
}
```

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 #DEAC1A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DEAC1A
}
```

Border

The CSS property to change the border of an element to Hex DEAC1A 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
#DEAC1A }
```

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

```
.border{ border-color:#DEAC1A }
```

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

Here you see how a box with a 4 pixel #DEAC1A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DEAC1A; -webkit-box-shadow:4px 4px  
4px 4px #DEAC1A; box-shadow:4px 4px 4px  
4px #DEAC1A }
```

Background

The CSS property to change the background color of an element to Hex DEAC1A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DEAC1A }
```

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

```
.background{ background-color:#DEAC1A }
```

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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