

Converting Colors

Hex(DDA84E)

Have a look what the booklet for
Hex(DDA84E) contains.

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Color

Hex(DDA84E)

Conversions

Conversions Part 1

Format	Color
Hex	DDA84E
RGB	221, 168, 78
RGB Percent	87%, 66%, 31%
CMY	0.1333, 0.3412, 0.6941
CMYK	0.00, 0.24, 0.65, 0.13
HSL	38°, 68%, 59%
HSV	38°, 65%, 87%
XYZ	45.1966, 43.9275, 13.3045
YIQ	173.5870, 60.4780, -16.7540

Conversions

Conversions Part 2

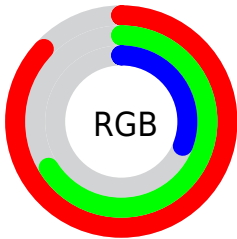
Format	Color
RYB	162, 221, 78
Decimal	14526542
CIELab	72.18, 10.18, 52.79
CIELCh	72, 53.762, 79.087
Yxy	43.9275, 0.4412, 0.4289
Android (android.graphics.Color)	4292716622 (0xFFDDA84E)
YUV	173.5870, -47.1244, 41.5812
Hunter-Lab	66.2778, 5.7377, 34.4927

Details

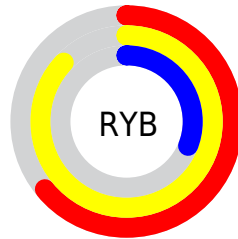
The Hex color **DDA84E** is a light color, and the websafe version is hex **CC9933**. The color can be described as light muted orange. A complement of this color would be **4E83DD**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **FFDF82**, and **A27419** is the 20% darker color. If you saturate the color by 10%, you get **DDA038**, and if you desaturate by 10%, it is **DDB064**.

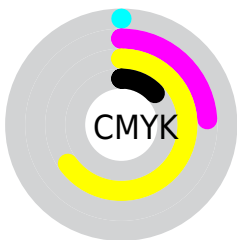
Distribution



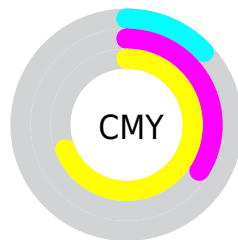
- Red (87%)
- Green (66%)
- Blue (31%)



- Red (64%)
- Yellow (87%)
- Blue (31%)



- Cyan (0%)
- Magenta (24%)
- Yellow (65%)
- Black (13%)



- Cyan (13%)
- Magenta (34%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color DDA84E 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 DDA84E by changing the saturation by 10% instead.

 DDA84E

 DDA84E

FFFFFF

 BF8E34

 FFDF82

 A27419

 FFFC9D

 865C00

 FFFFB9

 6A4400

 FFFF5D

 4E2E00

 FFFFF2

 341A00

 1C0000

 000000

 DDA84E

 DDA84E

■ DDA038

■ DDB064

■ DD9822

■ DDB87A

■ DD8F0C

■ DDC190

■ DD8B00

■ DDC9A6

■ DDD1BD

■ DDD9D3

■ DDE1E9

■ DDEAFF

■ DDF2FF

Harmonies

Analogous

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



FF9668



DDA84E



AFB850

Triad

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



DDA84E



00CAD0



DC98F2

Complementary

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



DDA84E



4E83DD

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.



97ABFF



DDA84E



00C6FA

Square

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



DDA84E



00C99D



00BBFF



FF89C5

Rectangle

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



DDA84E



8AC062



00BBFF



C89EFE

Sweetspot

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



DDA84E



FFEDCF



DD4E85



807562



000000



808080

Same Dimension

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



DDA84E



FFB538



CCDD4E



6E6A63



AD6D00



2E1D00

Inverse Universe

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



4E83DD



3882FF



5F4EDD



63676E



0040AD



00112E

Previews

White Background



This preview shows how the Hex color DDA84E looks on a white background.

Color Contrast Check

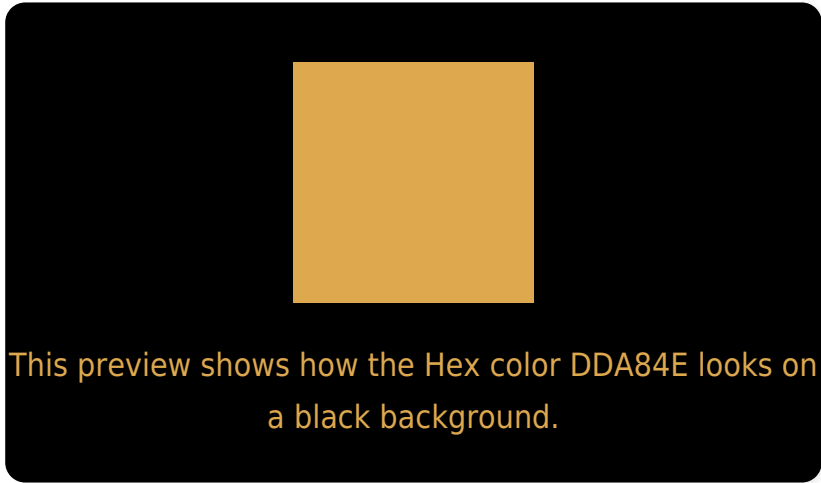
Large Text (above 18pt) WCAG AA × Fail

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 DDA84E Background



This preview shows how black text looks on a background with the Hex color DDA84E.

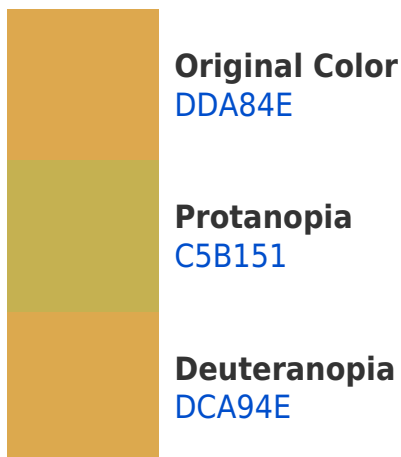


This preview shows how white text looks on a background with the Hex color DDA84E.

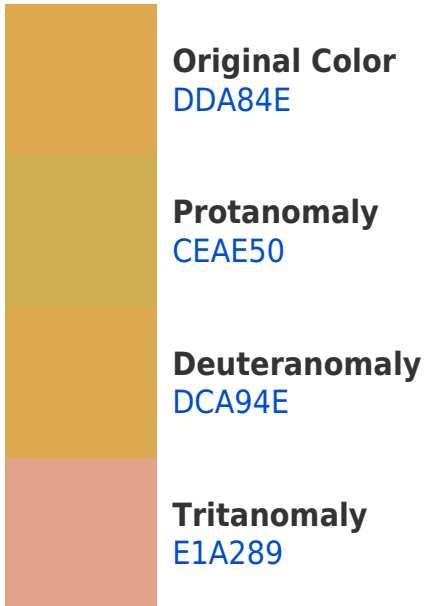
Color Blindness Simulation

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



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DDA84E 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 #DDA84E looks like.

```
.text, #text, p{  
    color:#DDA84E  
}
```

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 #DDA84E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DDA84E
}
```

Border

The CSS property to change the border of an element to Hex DDA84E 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
#DDA84E }
```

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

```
.border{ border-color:#DDA84E }
```

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

Here you see how a box with a 4 pixel #DDA84E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DDA84E; -webkit-box-shadow:4px 4px  
4px 4px #DDA84E; box-shadow:4px 4px 4px  
4px #DDA84E }
```

Background

The CSS property to change the background color of an element to Hex DDA84E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DDA84E }
```

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

```
.background{ background-color:#DDA84E }
```

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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