

Converting Colors

Hex(DDA77F)

Have a look what the booklet for
Hex(DDA77F) contains.

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Color

Hex(DDA77F)

Conversions

Conversions Part 1

Format	Color
Hex	DDA77F
RGB	221, 167, 127
RGB Percent	87%, 65%, 50%
CMY	0.1333, 0.3451, 0.5020
CMYK	0.00, 0.24, 0.43, 0.13
HSL	26°, 58%, 68%
HSV	26°, 43%, 87%
XYZ	47.4683, 44.5419, 26.1743
YIQ	178.5860, 45.0240, -0.9920

Conversions

Conversions Part 2

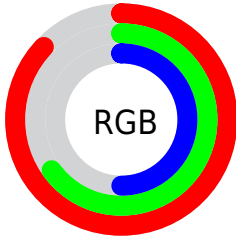
Format	Color
R_{YB}	221, 197, 127
Decimal	14526335
CIE _{Lab}	72.59, 14.85, 28.38
CIE _{LCh}	73, 32.032, 62.388
Yxy	44.5419, 0.4016, 0.3769
Android (android.graphics.Color)	4292716415 (0xFFDDA77F)
YUV	178.5860, -25.4319, 37.1971
Hunter-Lab	66.7397, 10.1627, 23.4652

Details

The Hex color **DDA77F** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **7FB5DD**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **FFDEB4**, and **A4734D** is the 20% darker color. If you saturate the color by 10%, you get **DD9A69**, and if you desaturate by 10%, it is **DDB495**.

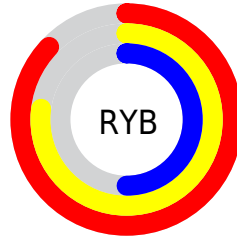
Distribution



Red (87%)

Green (65%)

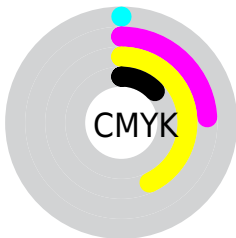
Blue (50%)



Red (87%)

Yellow (77%)

Blue (50%)

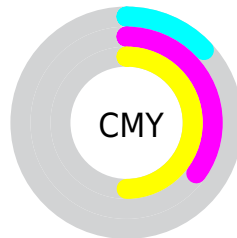


Cyan (0%)

Magenta (24%)

Yellow (43%)

Black (13%)



Cyan (13%)

Magenta (35%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color DDA77F 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 DDA77F by changing the saturation by 10% instead.



DDA77F



DDA77F

FFFFFF



C08D66



FFDEB4



A4734D



FFFBD0



885A36



FFFEC



6D4320



532C09



3A1700



220000



000000



DDA77F



DDA77F

 DD9A69

 DDB495

 DD8E53

 DDC0AB

 DD813D

 DDCDC1

 DD7427

 DDDAD7

 DD6811

 DDE6EE

 DD5E00

 DDF3FF

 DDFFFF

Harmonies

Analogous

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



EB9F94



DDA77F



C4B177

Triad

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



DDA77F



62C2B3



B9AAE4

Complementary

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



DDA77F



7FB5DD

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.



8FB4EC



DDA77F



51C1D0

Square

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



DDA77F



83C096



65BCE5



D9A0CE

Rectangle

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



DDA77F



B0B77B



65BCE5



ACADE8

Sweetspot

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



DDA77F



FFECDE



DD7FB6



80746B



000000



808080

Same Dimension

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



DDA77F



FFB47D



DDD57F



6E6763



AD4A00



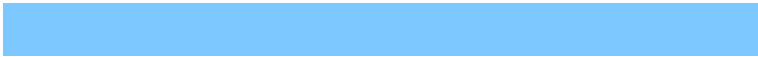
2E1400

Inverse Universe

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



7FB5DD



7DC8FF



7F87DD



63696E



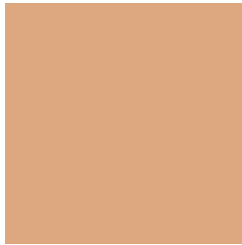
0064AD



001A2E

Previews

White Background



This preview shows how the Hex color DDA77F 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



This preview shows how the Hex color DDA77F looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

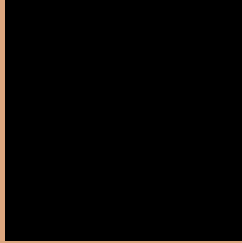
Any Text WCAG AA ✓ Pass

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 DDA77F Background



This preview shows how black text looks on a background with the Hex color DDA77F.

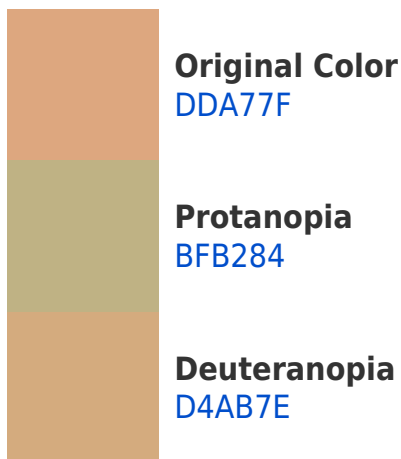


This preview shows how white text looks on a background with the Hex color DDA77F.

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](#).

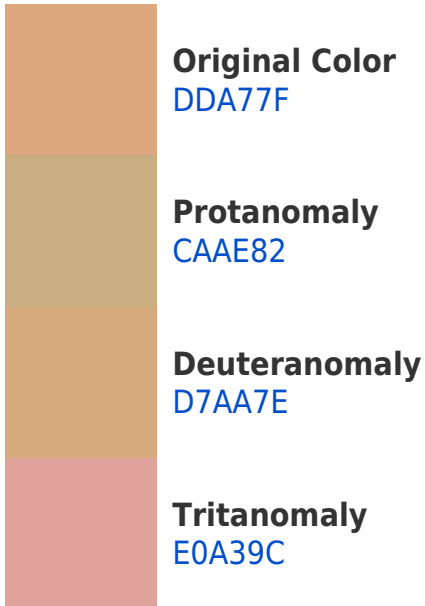
Dichromacy





Tritanopia
E1A1AD

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DDA77F 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 #DDA77F looks like.

```
.text, #text, p{  
    color:#DDA77F  
}
```

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 #DDA77F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DDA77F  
}
```

Border

The CSS property to change the border of an element to Hex DDA77F 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  
#DDA77F }
```

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

```
.border{ border-color:#DDA77F }
```

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

Here you see how a box with a 4 pixel #DDA77F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DDA77F; -webkit-box-shadow:4px 4px  
4px 4px #DDA77F; box-shadow:4px 4px 4px  
4px #DDA77F }
```

Background

The CSS property to change the background color of an element to Hex DDA77F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DDA77F }
```

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

```
.background{ background-color:#DDA77F }
```

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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