

Converting Colors

Hex(DDAA71)

Have a look what the booklet for
Hex(DDAA71) contains.

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Color

Hex(DDAA71)

Conversions

Conversions Part 1

Format	Color
Hex	DDAA71
RGB	221, 170, 113
RGB Percent	87%, 67%, 44%
CMY	0.1333, 0.3333, 0.5569
CMYK	0.00, 0.23, 0.49, 0.13
HSL	32°, 61%, 65%
HSV	32°, 49%, 87%
XYZ	47.1742, 45.3139, 21.8829
YIQ	178.7510, 48.6930, -6.9150

Conversions

Conversions Part 2

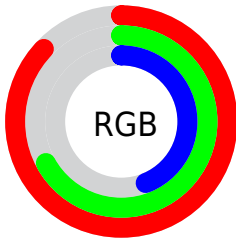
Format	Color
R_{YB}	210, 221, 113
Decimal	14527089
CIE _{Lab}	73.10, 11.83, 36.47
CIE _{LCh}	73, 38.338, 72.024
Yxy	45.3139, 0.4125, 0.3962
Android (android.graphics.Color)	4292717169 (0xFFDDAA71)
YUV	178.7510, -32.4152, 37.0524
Hunter-Lab	67.3156, 7.2890, 27.8470

Details

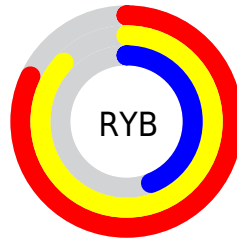
The Hex color **DDAA71** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **71A4DD**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **FFE1A6**, and **A37640** is the 20% darker color. If you saturate the color by 10%, you get **DDA05B**, and if you desaturate by 10%, it is **DDB487**.

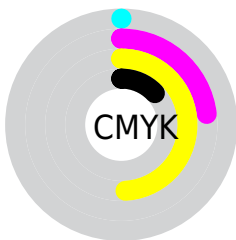
Distribution



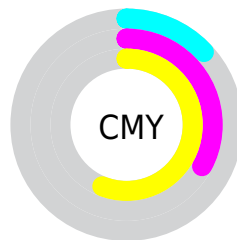
- Red (87%)
- Green (67%)
- Blue (44%)



- Red (82%)
- 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 DDAA71 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 DDAA71 by changing the saturation by 10% instead.

 DDAA71

 DDAA71

FFFFFF

 C09058

 FFE1A6

 A37640

 FFFEC1

 885D28

 FFFFDD

 6C4610

 FFFFFA

 522F00

 381A00

 200200

 000000

 DDAA71

 DDAA71

 DDA05B

 DDB487

 DD9545

 DDBF9D

 DD8B2F

 DDC9B3

 DD8019

 DDD4C9

 DD7603

 DDDEE0

 DD7500

 DDE9F6

 DDF3FF

 DDFDFF

 DDFFFF

Harmonies

Analogous

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



F29F86



DDAA71



BDB66E

Triad

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



DDAA71



3AC6C1



CAA5E8

Complementary

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



DDAA71



71A4DD

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.



98B2F8



DDAA71



27C4E1

Square

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



DDAA71



6AC59D



5CBDF6



EB9BCA

Rectangle

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



DDAA71



A3BC77



5CBDF6



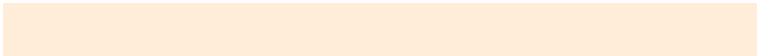
BBA9EF

Sweetspot

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



DDAA71



FFEDD9



DD71A5



807569



000000



808080

Same Dimension

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



DDAA71



FFB869



DBDD71



6E6863



AD5C00



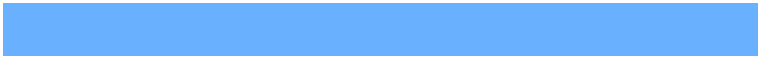
2E1800

Inverse Universe

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



71A4DD



69B0FF



7371DD



63686E



0052AD



00162E

Previews

White Background



This preview shows how the Hex color DDAA71 looks on a white background.

Color Contrast Check

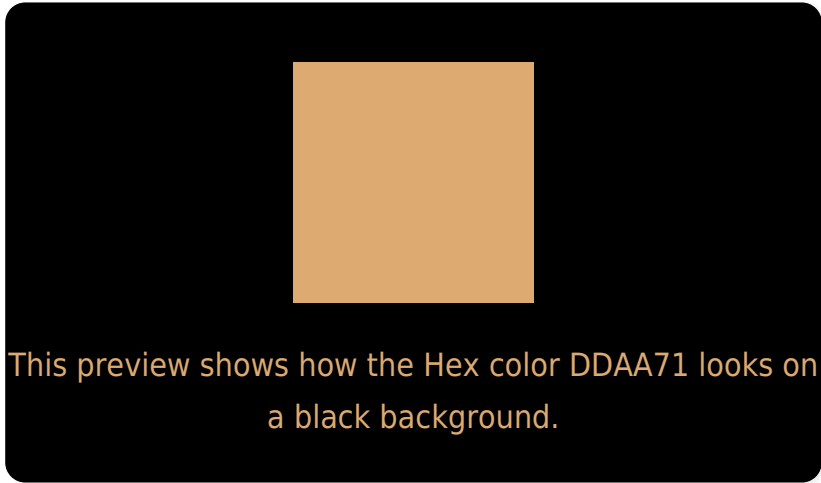
Large Text (above 18pt) WCAG AA × Fail

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 DDAA71 Background



This preview shows how black text looks on a background with the Hex color DDAA71.



This preview shows how white text looks on a background with the Hex color DDAA71.

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
DDAA71

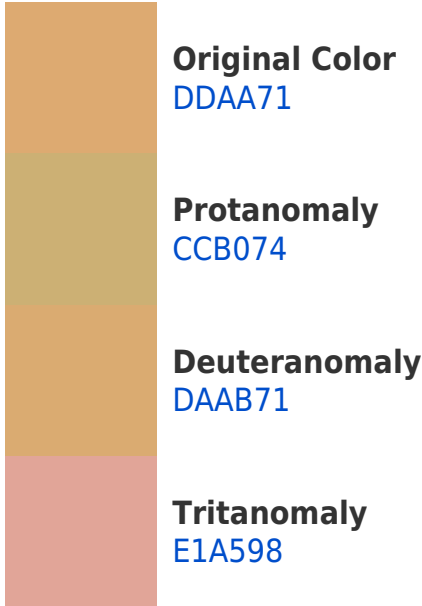
Protanopia
C3B475

Deuteranopia
D9AC71



Tritanopia
E3A2AF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DDAA71 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 #DDAA71 looks like.

```
.text, #text, p{  
    color:#DDAA71  
}
```

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 #DDAA71 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DDAA71
}
```

Border

The CSS property to change the border of an element to Hex DDAA71 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
#DDAA71 }
```

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

```
.border{ border-color:#DDAA71 }
```

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

Here you see how a box with a 4 pixel #DDAA71 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DDAA71; -webkit-box-shadow:4px 4px  
4px 4px #DDAA71; box-shadow:4px 4px 4px  
4px #DDAA71 }
```

Background

The CSS property to change the background color of an element to Hex DDAA71 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DDAA71 }
```

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

```
.background{ background-color:#DDAA71 }
```

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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