

# Converting Colors

Hex(DAB071)

Have a look what the booklet for  
Hex(DAB071) contains.

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**Color**

**Hex(DAB071)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DAB071
RGB	218, 176, 113
RGB Percent	85%, 69%, 44%
CMY	0.1451, 0.3098, 0.5569
CMYK	0.00, 0.19, 0.48, 0.15
HSL	36°, 59%, 65%
HSV	36°, 48%, 85%
XYZ	47.4194, 47.1483, 22.2241
YIQ	181.3760, 45.2550, -10.6890

# Conversions

## Conversions Part 2

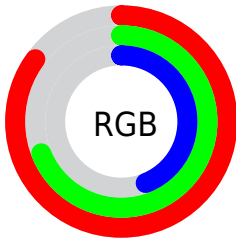
<b>Format</b>	<b>Color</b>
<b>RYB</b>	183, 218, 113
Decimal	14332017
CIELab	74.28, 7.40, 37.91
CIELCh	74, 38.623, 78.950
Yxy	47.1483, 0.4060, 0.4037
Android (android.graphics.Color)	4292522097 (0xFFDAB071)
YUV	181.3760, -33.7094, 32.1192
Hunter-Lab	68.6647, 3.1079, 28.8754

# Details

The Hex color **DAB071** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **719BDA**, and the grayscale version is **B6B6B6**.

A 20% lighter version of the original color is **FFE7A6**, and **A17C3F** is the 20% darker color. If you saturate the color by 10%, you get **DAA75B**, and if you desaturate by 10%, it is **DAB987**.

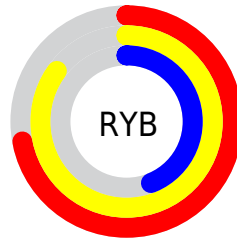
# Distribution



Red (85%)

Green (69%)

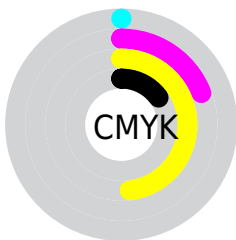
Blue (44%)



Red (72%)

Yellow (85%)

Blue (44%)

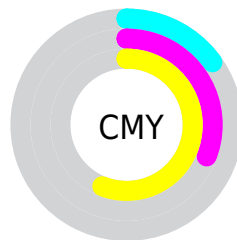


Cyan (0%)

Magenta (19%)

Yellow (48%)

Black (15%)



Cyan (15%)

Magenta (31%)

Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DAB071 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 DAB071 by changing the saturation by 10% instead.



 DAB071

 DAB071

FFFFFF

 BD9558

 FFE7A6

 A17C3F

 FFFFC1

 856328

 FFFFDD

 6A4B0F

 FFFFFA

 503400

 361F00

 1E0900

 000000

 DAB071

 DAB071

 DAA75B

 DAB987

 DA9F45

 DAC19D

 DA9630

 DACAB2

 DA8D1A

 DAD3C8

 DA8404

 DADCDE

 DA8300

 DAE4F4

 DAEDFF

 DAF6FF

 DAFEFF

# Harmonies

## Analogous

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



F3A483



DAB071



B8BC72

# Triad

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



DAB071



33CACC



D6A5E6

# Complementary

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



DAB071



719BDA

# 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.



A8B2FA



DAB071



33C6EB

# Square

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



DAB071



62C9A8



6DBEFC



F39DC5

# Rectangle

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



DAB071



9DC27E



6DBEFC



C9AAEE



# Sweetspot

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



DAB071



FFF1DB



DA719B



80776A



000000



808080



# Same Dimension

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



DAB071



FFC46B



D0DA71



6E6963



AD6800



2E1C00

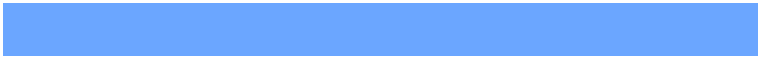


# Inverse Universe

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



719BDA



6BA6FF



7B71DA



63676E



0045AD



00122E



# Previews

## White Background



This preview shows how the Hex color DAB071 looks on a white background.

## Color Contrast Check

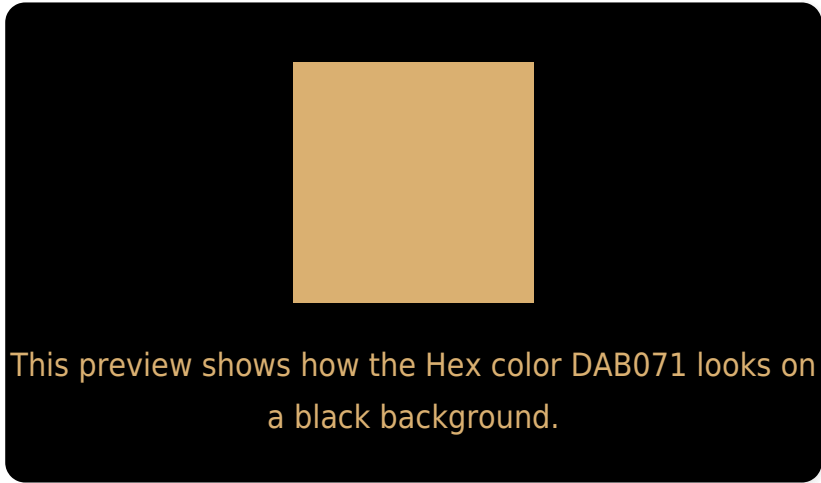
Large Text (above 18pt) WCAG AA × Fail

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

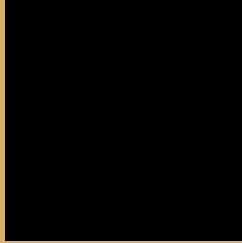
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex DAB071 Background



This preview shows how black text looks on a background with the Hex color DAB071.



This preview shows how white text looks on a background with the Hex color DAB071.

# 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](#).

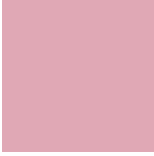
## Dichromacy



**Original Color**  
DAB071

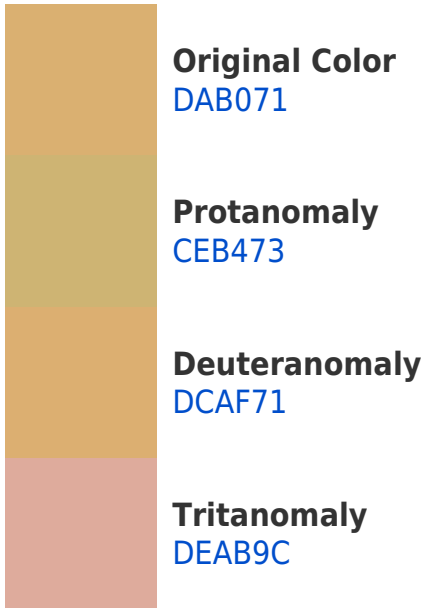
**Protanopia**  
C7B774

**Deuteranopia**  
DDAF71



**Tritanopia**  
E0A8B5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex DAB071 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 #DAB071 looks like.

```
.text, #text, p{  
  color:#DAB071  
}
```

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 #DAB071 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DAB071  
}
```

## Border

The CSS property to change the border of an element to Hex DAB071 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  
#DAB071 }
```

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

```
.border{ border-color:#DAB071 }
```

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

Here you see how a box with a 4 pixel #DAB071 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DAB071; -webkit-box-shadow:4px 4px  
4px 4px #DAB071; box-shadow:4px 4px 4px  
4px #DAB071 }
```

# Background

The CSS property to change the background color of an element to Hex DAB071 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DAB071 }
```

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

```
.background{ background-color:#DAB071 }
```

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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