

Converting Colors

Hex(DAB168)

Have a look what the booklet for
Hex(DAB168) contains.

Hex(DAB168)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(DAB168)

Conversions

Conversions Part 1

Format	Color
Hex	DAB168
RGB	218, 177, 104
RGB Percent	85%, 69%, 41%
CMY	0.1451, 0.3059, 0.5922
CMYK	0.00, 0.19, 0.52, 0.15
HSL	38°, 61%, 63%
HSV	38°, 52%, 85%
XYZ	47.1343, 47.3492, 19.7518
YIQ	180.9370, 47.8690, -14.0110

Conversions

Conversions Part 2

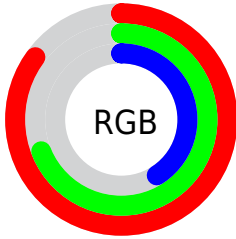
Format	Color
RYB	168, 218, 104
Decimal	14332264
CIELab	74.41, 6.05, 42.67
CIELCh	74, 43.094, 81.924
Yxy	47.3492, 0.4126, 0.4145
Android (android.graphics.Color)	4292522344 (0xFFDAB168)
YUV	180.9370, -37.9299, 32.5043
Hunter-Lab	68.8107, 1.8509, 31.1486

Details

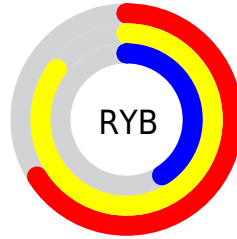
The Hex color **DAB168** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **6891DA**, and the grayscale version is **B5B5B5**.

A 20% lighter version of the original color is **FFE99D**, and **A17D36** is the 20% darker color. If you saturate the color by 10%, you get **DAA952**, and if you desaturate by 10%, it is **DAB97E**.

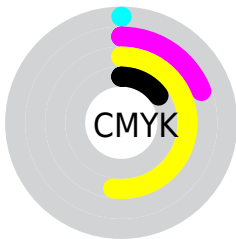
Distribution



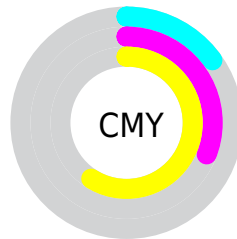
- Red (85%)
- Green (69%)
- Blue (41%)



- Red (66%)
- Yellow (85%)
- Blue (41%)



- Cyan (0%)
- Magenta (19%)
- Yellow (52%)
- Black (15%)



- Cyan (15%)
- Magenta (31%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color DAB168 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 DAB168 by changing the saturation by 10% instead.

 DAB168

 DAB168

FFFFFF

 BD964F

 FFE99D

 A17D36

 FFFF88

 85641E

 FFFF44

 694C01

 FFFF11

 503500

 352000

 1D0B00

 000000

 DAB168

 DAB168

 DAA952

 DAB97E

 DAA13C

 DAC194

 DA9927

 DAC9A9

 DA9211

 DAD0BF

 DA8C00

 DAD8D5

 DAE0EB

 DAE8FF

 DAF0FF

 DAF8FF

Harmonies

Analogous

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



F7A37A



DAB168



B3BE6C

Triad

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



DAB168



00CCD3



DEA2E8

Complementary

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



DAB168



6891DA

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.



ABB1FF



DAB168



00C7F4

Square

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



DAB168



4DCBAB



66BEFF



FC99C3

Rectangle

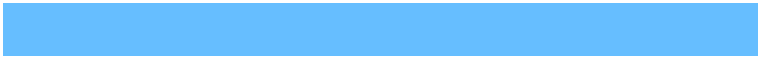
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



DAB168



95C47B



66BEFF



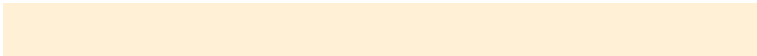
D0A7F2

Sweetspot

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



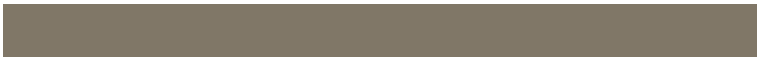
DAB168



FFF0D6



DA6892



807767



000000



808080

Same Dimension

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



DAB168



FFC55E



CBDA68



6E6A63



AD6F00



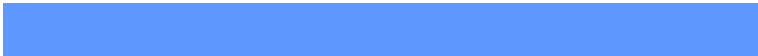
2E1D00

Inverse Universe

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



6891DA



5E98FF



7768DA



63676E



003EAD



00112E

Previews

White Background



This preview shows how the Hex color DAB168 looks on a white background.

Color Contrast Check

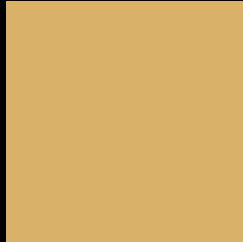
Large Text (above 18pt) WCAG AA × Fail

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 DAB168 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

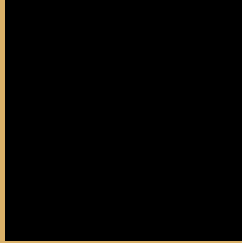
Any Text WCAG AA ✓ Pass

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 DAB168 Background



This preview shows how black text looks on a background with the Hex color DAB168.

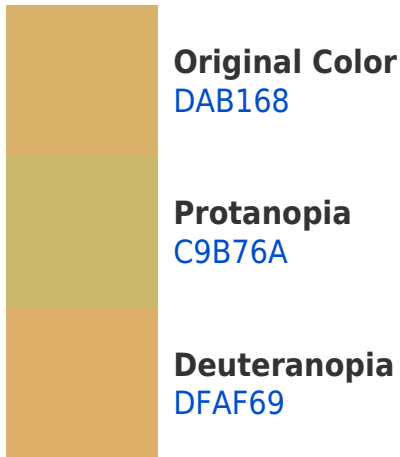


This preview shows how white text looks on a background with the Hex color DAB168.

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](#).

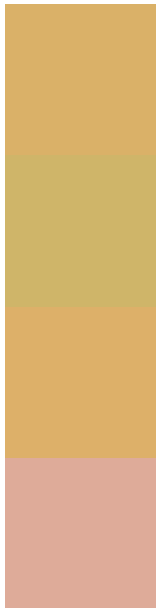
Dichromacy





Tritanopia
E1A8B5

Trichromacy



Original Color
DAB168

Protanomaly
CFB569

Deuteranomaly
DDB069

Tritanomaly
DEAB99

Monochromacy



Original Color
DAB168

Achromatopsia
B5B5B5

Achromatomaly
C2B499

CSS Examples

Text

The CSS property to change the color of the text to Hex DAB168 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 #DAB168 looks like.

```
.text, #text, p{  
    color:#DAB168  
}
```

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 #DAB168 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DAB168  
}
```

Border

The CSS property to change the border of an element to Hex DAB168 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  
#DAB168 }
```

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

```
.border{ border-color:#DAB168 }
```

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

Here you see how a box with a 4 pixel #DAB168 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DAB168; -webkit-box-shadow:4px 4px  
4px 4px #DAB168; box-shadow:4px 4px 4px  
4px #DAB168 }
```

Background

The CSS property to change the background color of an element to Hex DAB168 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DAB168 }
```

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

```
.background{ background-color:#DAB168 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor