

# Converting Colors

Hex(DB9870)

Have a look what the booklet for  
Hex(DB9870) contains.

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**Color**

**Hex(DB9870)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DB9870
RGB	219, 152, 112
RGB Percent	86%, 60%, 44%
CMY	0.1412, 0.4039, 0.5608
CMYK	0.00, 0.31, 0.49, 0.14
HSL	22°, 60%, 65%
HSV	22°, 49%, 86%
XYZ	43.3663, 38.6864, 20.5108
YIQ	167.4730, 52.7720, 1.7640

# Conversions

## Conversions Part 2

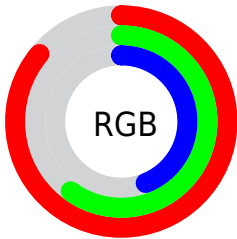
Format	Color
R <sub>Y</sub> B	219, 176, 112
Decimal	14391408
CIE Lab	68.52, 20.60, 31.08
CIE LCh	69, 37.287, 56.466
Yxy	38.6864, 0.4228, 0.3772
Android (android.graphics.Color)	4292581488 (0xFFDB9870)
YUV	167.4730, -27.3482, 45.1892
Hunter-Lab	62.1984, 15.6075, 23.9872

# Details

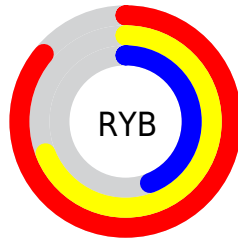
The Hex color **DB9870** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **70B3DB**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **FFCFA4**, and **A1653F** is the 20% darker color. If you saturate the color by 10%, you get **DB8A5A**, and if you desaturate by 10%, it is **DBA686**.

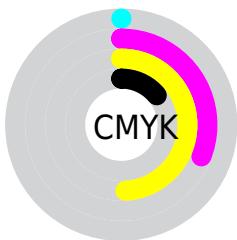
# Distribution



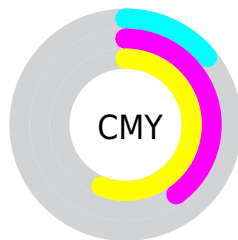
- Red (86%)
- Green (60%)
- Blue (44%)



- Red (86%)
- Yellow (69%)
- Blue (44%)



- Cyan (0%)
- Magenta (31%)
- Yellow (49%)
- Black (14%)



- Cyan (14%)
- Magenta (40%)
- Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DB9870 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 DB9870 by changing the saturation by 10% instead.



 DB9870

 DB9870

FFFFFF

 BE7E57

 FFCFA4

 A1653F

 FFEBBF

 854C29

 FFFFDB

 6A3512

 FFFFF8

 4F1F00

 350900

 1B0001

 000000

 DB9870

 DB9870

 DB8A5A

 DBA686

 DB7D44

 DBB39C

 DB6F2E

 DBC1B2

 DB6118

 DBCFC8

 DB5302

 DBDDDD

 DB5200

 DBEAF3

 DBF8FF

 DBFFFF

# Harmonies

## Analogous

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



E88F8B



DB9870



C1A463

# Triad

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



DB9870



49B9A2



A5A0E3

# Complementary

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



DB9870



70B3DB

# 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.



6FACEA



DB9870



16B9C4

# Square

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



DB9870



77B581



31B4DE



CE94CD

# Rectangle

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



DB9870



ABAB65



31B4DE



94A4E8



# Sweetspot

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



DB9870



FFE7D9



DB70B4



807169



000000



808080



# Same Dimension

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



DB9870



FFA169



DBCD70



6E6763



AD4100



2E1100



# Inverse Universe

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



70B3DB



69C7FF



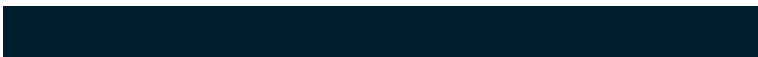
707EDB



636A6E



006DAD



001D2E



# Previews

## White Background



This preview shows how the Hex color DB9870 looks on a white background.

## Color Contrast Check

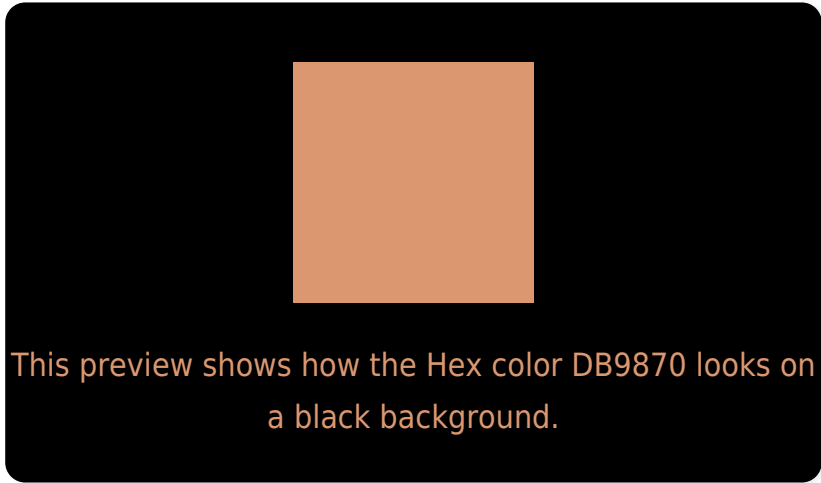
Large Text (above 18pt) WCAG AA × Fail

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

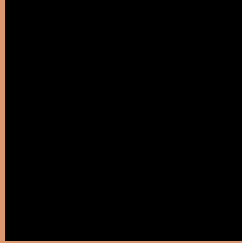
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex DB9870 Background



This preview shows how black text looks on a background with the Hex color DB9870.




This preview shows how white text looks on a background with the Hex color DB9870.

# 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**  
DF929D

# Trichromacy



**Original Color**  
DB9870

**Protanomaly**  
C3A274

**Deuteranomaly**  
D09D6F

**Tritanomaly**  
DE948D

# Monochromacy



**Original Color**  
DB9870

**Achromatopsia**  
A7A7A7

**Achromatomaly**  
BAA293

# CSS Examples

## Text

The CSS property to change the color of the text to Hex DB9870 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 #DB9870 looks like.

```
.text, #text, p{  
    color:#DB9870  
}
```

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 #DB9870 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DB9870  
}
```

## Border

The CSS property to change the border of an element to Hex DB9870 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  
#DB9870 }
```

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

```
.border{ border-color:#DB9870 }
```

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

Here you see how a box with a 4 pixel #DB9870 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DB9870; -webkit-box-shadow:4px 4px  
4px 4px #DB9870; box-shadow:4px 4px 4px  
4px #DB9870 }
```

# Background

The CSS property to change the background color of an element to Hex DB9870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DB9870 }
```

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

```
.background{ background-color:#DB9870 }
```

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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