

# Converting Colors

Hex(DBB968)

Have a look what the booklet for  
Hex(DBB968) contains.

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# **Color**

**Hex(DBB968)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DBB968
RGB	219, 185, 104
RGB Percent	86%, 73%, 41%
CMY	0.1412, 0.2745, 0.5922
CMYK	0.00, 0.16, 0.53, 0.14
HSL	42°, 61%, 63%
HSV	42°, 53%, 86%
XYZ	49.0611, 50.7575, 20.3081
YIQ	185.9320, 46.2650, -17.9830

# Conversions

## Conversions Part 2

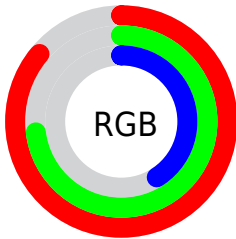
Format	Color
<a href="#">RYB</a>	<a href="#">152, 219, 104</a>
Decimal	<a href="#">14399848</a>
CIELab	<a href="#">76.53, 2.24, 45.27</a>
CIELCh	<a href="#">77, 45.323, 87.166</a>
Yxy	<a href="#">50.7575, 0.4084, 0.4225</a>
Android (android.graphics.Color)	<a href="#">4292589928 (0xFFDDBB968)</a>
YUV	<a href="#">185.9320, -40.3925, 29.0006</a>
Hunter-Lab	<a href="#">71.2443, -1.7567, 32.9705</a>

# Details

The Hex color **DBB968** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **688ADB**, and the grayscale version is **BABABA**.

A 20% lighter version of the original color is **FFF19D**, and **A28436** is the 20% darker color. If you saturate the color by 10%, you get **DBB352**, and if you desaturate by 10%, it is **DBBF7E**.

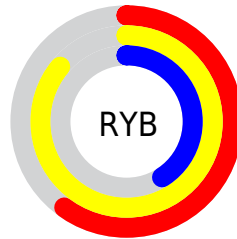
# Distribution



Red (86%)

Green (73%)

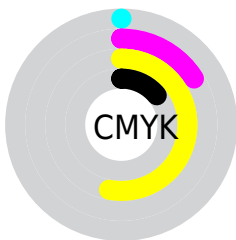
Blue (41%)



Red (60%)

Yellow (86%)

Blue (41%)

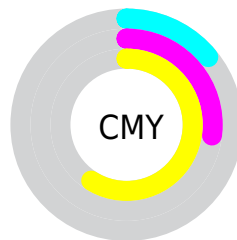


Cyan (0%)

Magenta (16%)

Yellow (53%)

Black (14%)



Cyan (14%)

Magenta (27%)

Yellow (59%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DBB968 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 DBB968 by changing the saturation by 10% instead.



 DBB968

 DBB968

FFFFFF

 BE9E4F

 FFF19D

 A28436


 FFFFFB8

 866B1C

 FFFFFD4

 6A5300

 FFFFF1

 513C00

 362700

 1E1300

 000000

 DBB968

 DBB968

 DBB352

 DBBF7E

 DBAC3C

 DBC694

 DBA626

 DBCCAA

 DB9F10

 DBD3C0

 DB9A00

 DBD9D5

 DBE0EB

 DBE6FF

 DBEDFF

 DBF3FF

# Harmonies

## Analogous

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



FBA78



DBB968



B1C670

# Triad

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



DBB968



00D2E2



EEA4EB

# Complementary

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



DBB968



688ADB

# 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.



BBB3FF



DBB968



00CDFF

# Square

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



DBB968



3CD3B7



74C2FF



FF9CC3

# Rectangle

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



DBB968



90CC82



74C2FF



DFA9F6



# Sweetspot

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



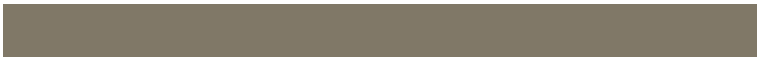
DBB968



FFF3D6



DB688B



807867



000000



808080



# Same Dimension

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



DBB968



FFD05E



C4DB68



6E6A63



AD7A00



2E2000



# Inverse Universe

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



688ADB



5E8EFF



7F68DB



63666E



0033AD



000E2E



# Previews

## White Background



This preview shows how the Hex color DBB968 looks on a white background.

## Color Contrast Check

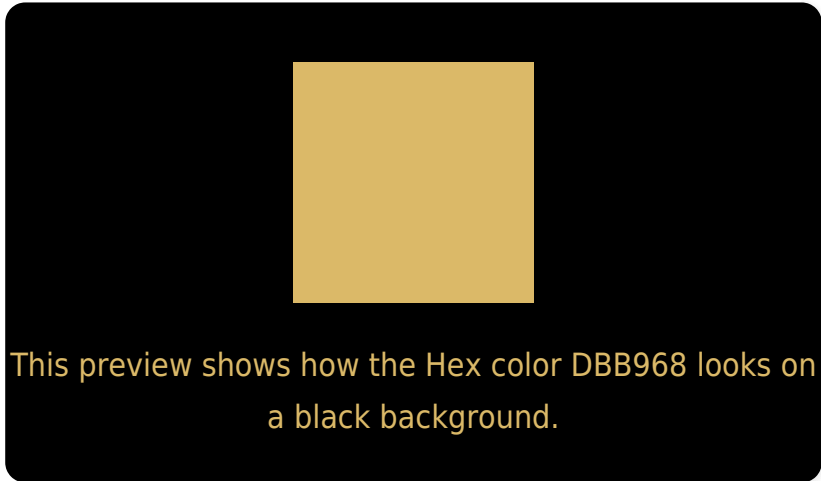
Large Text (above 18pt) WCAG AA × Fail

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 DBB968 Background



This preview shows how black text looks on a background with the Hex color DBB968.



This preview shows how white text looks on a background with the Hex color DBB968.

# 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**  
E3AFBD

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex DBB968 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 #DBB968 looks like.

```
.text, #text, p{  
    color:#DBB968  
}
```

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 #DBB968 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DBB968  
}
```

## Border

The CSS property to change the border of an element to Hex DBB968 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  
#DBB968 }
```

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

```
.border{ border-color:#DBB968 }
```

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

Here you see how a box with a 4 pixel #DBB968 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DBB968; -webkit-box-shadow:4px 4px  
4px 4px #DBB968; box-shadow:4px 4px 4px  
4px #DBB968 }
```

# Background

The CSS property to change the background color of an element to Hex DBB968 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DBB968 }
```

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

```
.background{ background-color:#DBB968 }
```

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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