

# Converting Colors

Hex(DBB376)

Have a look what the booklet for  
Hex(DBB376) contains.

|  |    |
|--|----|
| <b>Hex(DBB376)</b> .....                       | 3  |
| <b><i>Conversions</i></b> .....                | 4  |
| <b><i>Details</i></b> .....                    | 6  |
| <b><i>Harmonies</i></b> .....                  | 11 |
| <b><i>Previews</i></b> .....                   | 23 |
| <b><i>Color Blindness Simulation</i></b> ..... | 26 |
| <b><i>CSS Examples</i></b> .....               | 29 |

# **Color**

**Hex(DBB376)**

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | DBB376                      |
| RGB         | 219, 179, 118               |
| RGB Percent | 86%, 70%, 46%               |
| CMY         | 0.1412, 0.2980, 0.5373      |
| CMYK        | 0.00, 0.18, 0.46, 0.14      |
| HSL         | 36°, 58%, 66%               |
| HSV         | 36°, 46%, 86%               |
| XYZ         | 48.6035, 48.6083, 23.9602   |
| YIQ         | 184.0060, 43.4210, -10.4910 |

# Conversions

## Conversions Part 2

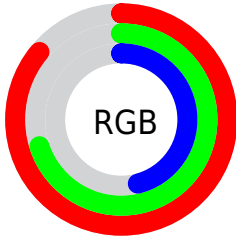
| Format                              | Color   |
|-------------------------------------|---|
| <a href="#">RYB</a>                 | <a href="#">184, 219, 118</a>                                 |
| Decimal                             | <a href="#">14398326</a>                                      |
| CIELab                              | <a href="#">75.21, 6.70, 36.51</a>                            |
| CIELCh                              | <a href="#">75, 37.117, 79.600</a>                            |
| Yxy                                 | <a href="#">48.6083, 0.4011, 0.4012</a>                       |
| Android<br>(android.graphics.Color) | <a href="#">4292588406</a><br>( <a href="#">0xFFDDBB376</a> ) |
| YUV                                 | <a href="#">184.0060, -32.5410, 30.6897</a>                   |
| Hunter-Lab                          | <a href="#">69.7196, 2.4280, 28.4279</a>                      |

# Details

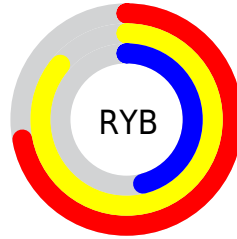
The Hex color **DBB376** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **769EDB**, and the grayscale version is **B8B8B8**.

A 20% lighter version of the original color is **FFEBA8**, and **A27E44** is the 20% darker color. If you saturate the color by 10%, you get **DBAA60**, and if you desaturate by 10%, it is **DBBC8C**.

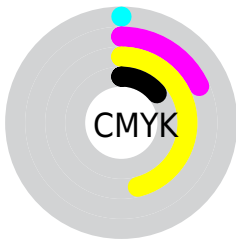
# Distribution



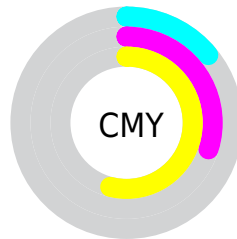
- Red (86%)
- Green (70%)
- Blue (46%)



- Red (72%)
- Yellow (86%)
- Blue (46%)



- Cyan (0%)
- Magenta (18%)
- Yellow (46%)
- Black (14%)



- Cyan (14%)
- Magenta (30%)
- Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DBB376 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 DBB376 by changing the saturation by 10% instead.



 DBB376

 DBB376

FFFFFF

 BE985D

 FFEBAB

 A27E44

 FFFFC7

 86662D

 FFFF E3

 6B4E15

 513700

 382200

 200D00

 000000

 DBB376

 DBB376

 DBAA60

 DBBC8C

 DBA24A

 DBC4A2

 DB9934

 DBCDB8

 DB901E

 DBD6CE

 DB8809

 DBDEE4

 DB8400

 DBE7F9

 DBF0FF

 DBF8FF

 DBFFFF

# Harmonies

## Analogous

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



F3A786



DBB376



BABE78

# Triad

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



DBB376



41CCCF



D9A8E6

# Complementary

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



DBB376



769EDB

# 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.



ACB5F9



DBB376



44C8EC

# Square

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



DBB376



68CBAC



76C0FC



F4A0C7

# Rectangle

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



DBB376



A0C483



76C0FC



CCACEE



# Sweetspot

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



DBB376



FFF1DB



DB769E



80776A



000000



808080



# Same Dimension

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



DBB376



FFC773



D1DB76



6E6963



AD6900



2E1C00

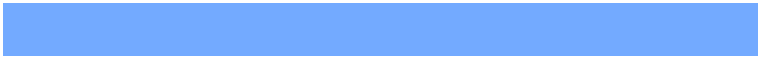


# Inverse Universe

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



769EDB



73AAFF



8076DB



63676E



0045AD

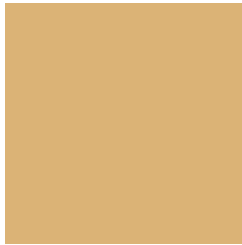


00122E



# Previews

## White Background



This preview shows how the Hex color DBB376 looks on a white background.

## Color Contrast Check

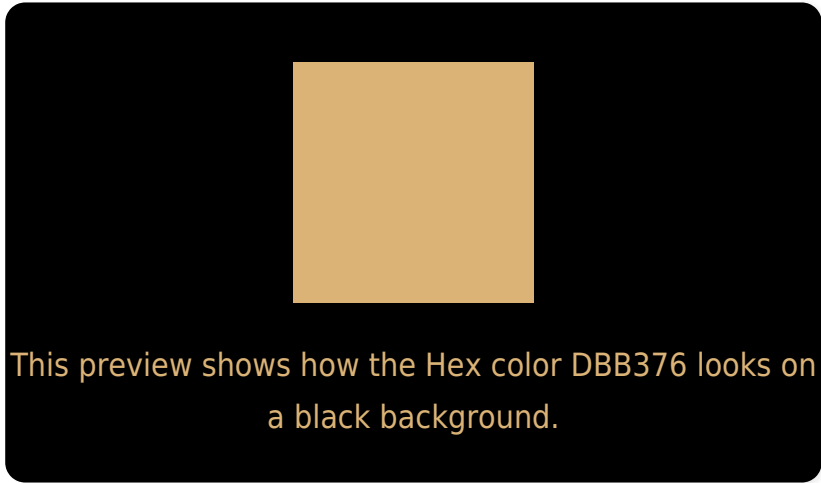
Large Text (above 18pt) WCAG AA × Fail

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

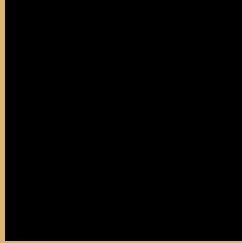
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex DBB376 Background



This preview shows how black text looks on a background with the Hex color DBB376.



This preview shows how white text looks on a background with the Hex color DBB376.

# 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



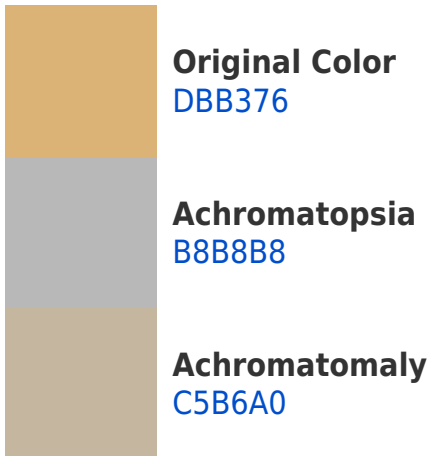


**Tritanopia**  
E1ABB8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex DBB376 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 #DBB376 looks like.

```
.text, #text, p{  
    color:#DBB376  
}
```

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 #DBB376 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DBB376  
}
```

## Border

The CSS property to change the border of an element to Hex DBB376 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  
#DBB376 }
```

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

```
.border{ border-color:#DBB376 }
```

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

Here you see how a box with a 4 pixel #DBB376 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DBB376; -webkit-box-shadow:4px 4px  
4px 4px #DBB376; box-shadow:4px 4px 4px  
4px #DBB376 }
```

# Background

The CSS property to change the background color of an element to Hex DBB376 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DBB376 }
```

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

```
.background{ background-color:#DBB376 }
```

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