

# Converting Colors

Hex(DBB04A)

Have a look what the booklet for  
Hex(DBB04A) contains.

<b>Hex(DBB04A)</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(DBB04A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DBB04A
RGB	219, 176, 74
RGB Percent	86%, 69%, 29%
CMY	0.1412, 0.3098, 0.7098
CMYK	0.00, 0.20, 0.66, 0.14
HSL	42°, 67%, 57%
HSV	42°, 66%, 86%
XYZ	45.9748, 46.6051, 13.0511
YIQ	177.2290, 58.3700, -22.6060

# Conversions

## Conversions Part 2

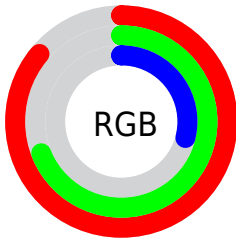
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">135, 219, 74</a>
Decimal	<a href="#">14397514</a>
CIELab	<a href="#">73.94, 4.83, 56.45</a>
CIELCh	<a href="#">74, 56.658, 85.105</a>
Yxy	<a href="#">46.6051, 0.4352, 0.4412</a>
Android (android.graphics.Color)	<a href="#">4292587594</a> ( <a href="#">0xFFDDBB04A</a> )
YUV	<a href="#">177.2290, -50.8919, 36.6332</a>
Hunter-Lab	<a href="#">68.2680, 0.7412, 36.4528</a>

# Details

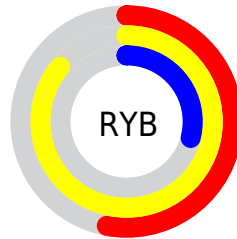
The Hex color **DBB04A** is a light color, and the websafe version is hex **CC9933**. The color can be described as light muted orange. A complement of this color would be **4A75DB**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **FFE77F**, and **A07C11** is the 20% darker color. If you saturate the color by 10%, you get **DBAA34**, and if you desaturate by 10%, it is **DBB660**.

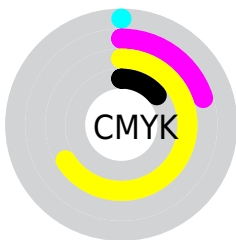
# Distribution



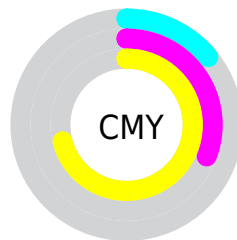
- Red (86%)
- Green (69%)
- Blue (29%)



- Red (53%)
- Yellow (86%)
- Blue (29%)



- Cyan (0%)
- Magenta (20%)
- Yellow (66%)
- Black (14%)



- Cyan (14%)
- Magenta (31%)
- Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DBB04A 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 DBB04A by changing the saturation by 10% instead.



 DBB04A

 DBB04A

FFFFFF

 BD952F

 FFE77F

 A07C11

 FFFF9A

 846300

 FFFFFB6

 684B00

 FFFFFD2

 4D3500

 FFFFFEF

 332000

 1A0A00

 000000

 DBB04A

 DBB04A

 DBAA34

 DBB660

 DBA31E

 DBBD76

 DB9D08

 DBC38C

 DB9A00

 DBCAA2

 DBD0B7

 DBD7CD

 DBDDE3

 DBE4F9

 DBEAFF

# Harmonies

## Analogous

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



FF9D61



DBB04A



A8C053

# Triad

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



DBB04A



00CFE0



EE97F2

# Complementary

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



DBB04A



4A75DB

# 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.



ABABFF



DBB04A



00CAFF

# Square

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



DBB04A



00CFAB



2BBEFF



FF89C0

# Rectangle

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



DBB04A



80C769



2BBEFF



DB9DFF



# Sweetspot

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



DBB04A



FFF0CC



DB4A76



807661



000000



808080



# Same Dimension

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



DBB04A



FFC336



BEDB4A



6E6A63



AD7A00



2E2000



# Inverse Universe

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



4A75DB



3671FF



674ADB



63666E



0033AD



000E2E



# Previews

## White Background



This preview shows how the Hex color DBB04A looks on a white background.

## Color Contrast Check

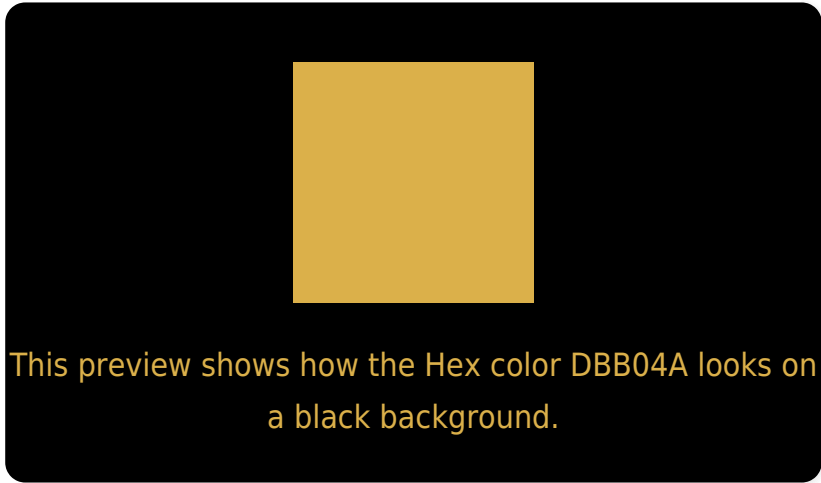
Large Text (above 18pt) WCAG AA × Fail

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 DBB04A Background



This preview shows how black text looks on a background with the Hex color DBB04A.



This preview shows how white text looks on a background with the Hex color DBB04A.

# 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**  
DBB04A

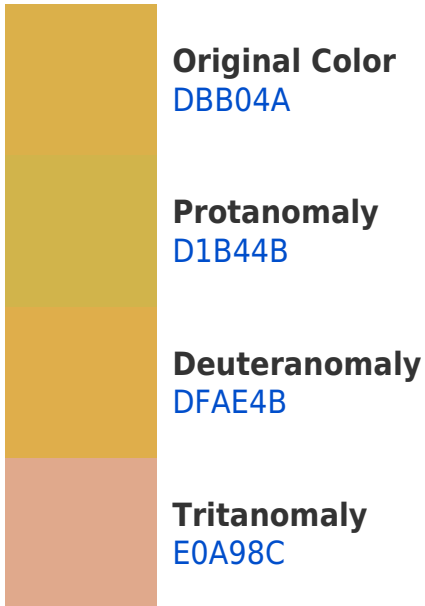
**Protanopia**  
CBB64C

**Deuteranopia**  
E2AD4B



**Tritanopia**  
E3A5B2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex DBB04A 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 #DBB04A looks like.

```
.text, #text, p{  
    color:#DBB04A  
}
```

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 #DBB04A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DBB04A
}
```

## Border

The CSS property to change the border of an element to Hex DBB04A 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
#DBB04A }
```

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

```
.border{ border-color:#DBB04A }
```

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

Here you see how a box with a 4 pixel #DBB04A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DBB04A; -webkit-box-shadow:4px 4px  
4px 4px #DBB04A; box-shadow:4px 4px 4px  
4px #DBB04A }
```

# Background

The CSS property to change the background color of an element to Hex DBB04A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DBB04A }
```

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

```
.background{ background-color:#DBB04A }
```

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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