

# Converting Colors

Hex(DBD840)

Have a look what the booklet for  
Hex(DBD840) contains.

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**Color**

**Hex(DBD840)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DBD840
RGB	219, 216, 64
RGB Percent	86%, 85%, 25%
CMY	0.1412, 0.1529, 0.7490
CMYK	0.00, 0.01, 0.71, 0.14
HSL	59°, 68%, 55%
HSV	59°, 71%, 86%
XYZ	54.6947, 64.5420, 14.4256
YIQ	199.5690, 50.5800, -46.6360

# Conversions

## Conversions Part 2

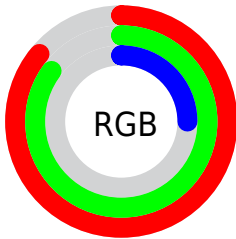
<b>Format</b>	<b>Color</b>
<b>RYB</b>	67, 219, 64
Decimal	14407744
CIELab	84.25, -16.22, 70.88
CIELCh	84, 72.713, 102.886
Yxy	64.5420, 0.4092, 0.4829
Android (android.graphics.Color)	4292597824 (0xFFDBD840)
YUV	199.5690, -66.8355, 17.0410
Hunter-Lab	80.3380, -19.0674, 45.5904

# Details

The Hex color **DBD840** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light muted yellow. A complement of this color would be **4043DB**, and the grayscale version is **C8C8C8**.

A 20% lighter version of the original color is **FFFF79**, and **A0A100** is the 20% darker color. If you saturate the color by 10%, you get **DBD82A**, and if you desaturate by 10%, it is **DBD856**.

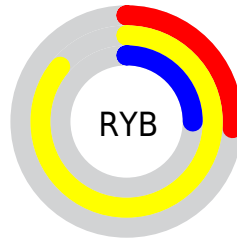
# Distribution



Red (86%)

Green (85%)

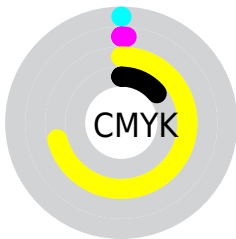
Blue (25%)



Red (26%)

Yellow (86%)

Blue (25%)

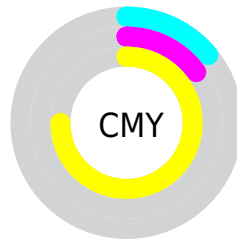


Cyan (0%)

Magenta (1%)

Yellow (71%)

Black (14%)



Cyan (14%)

Magenta (15%)

Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DBD840 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 DBD840 by changing the saturation by 10% instead.



 DBD840

 DBD840

FFFFFF

 BDBC1F

 FFFF79

 A0A100

 FFFF95

 848700

 FFFFB2

 686E00

 FFFFCE

 4D5600

 FFFFEC

 323F00

 182900

 001700

 000000

 DBD840

 DBD840

 DBD82A

 DBD856

 DBD714

 DBD96C

 DBD700

 DBD982

 DBDA98

 DBDAAD

 DBDBC3

 DBDBD9

 DBDBEF

 DBDCFF

# Harmonies

## Analogous

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



FFC049



DBD840



8EE868

# Triad

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



DBD840



00F0FF



FF9AFC

# Complementary

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



DBD840



4043DB

# 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.



FCB3FF



DBD840



00E5FF

# Square

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



DBD840



00F4EF



88D0FF



FF94B7

# Rectangle

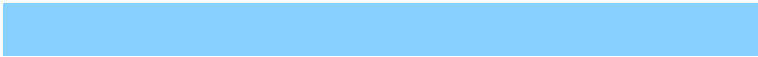
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



DBD840



3CEF91



88D0FF



FFA1FF



# Sweetspot

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



DBD840



FFFE09



DB4045



807F60



000000



808080



# Same Dimension

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



DBD840



FFB26



93DB40



6E6D63



ADAA00



2E2D00



# Inverse Universe

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



4043DB



262AFF



8840DB



63636E



0003AD

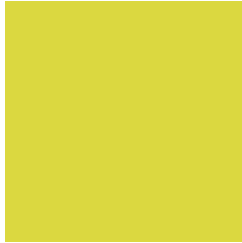


00012E



# Previews

## White Background



This preview shows how the Hex color DBD840 looks on a white background.

## Color Contrast Check

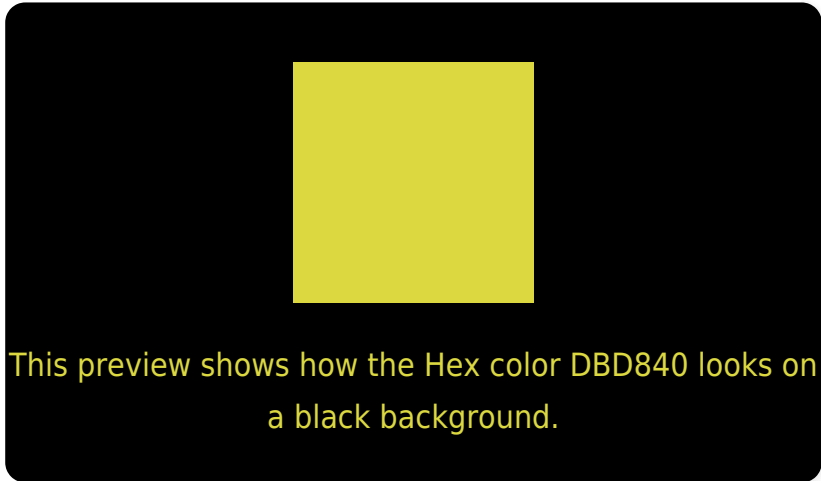
Large Text (above 18pt) WCAG AA × Fail

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 DBD840 Background



This preview shows how black text looks on a background with the Hex color DBD840.

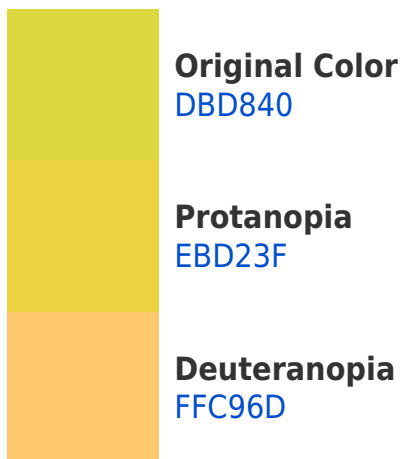


This preview shows how white text looks on a background with the Hex color DBD840.

# 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](#).

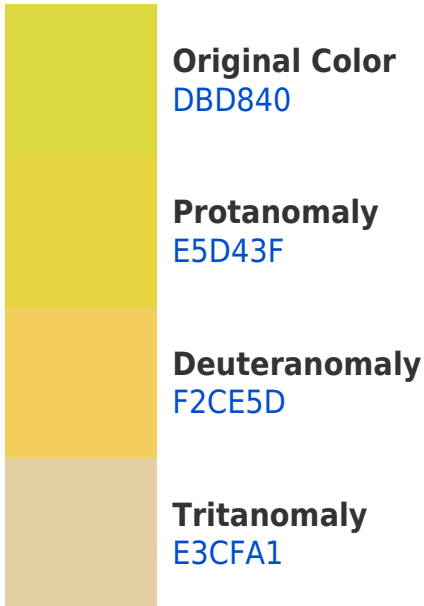
## Dichromacy



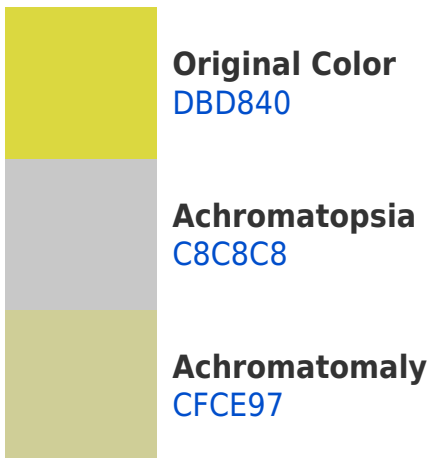


**Tritanopia**  
E8CAD9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex DBD840 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 #DBD840 looks like.

```
.text, #text, p{  
    color:#DBD840  
}
```

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 #DBD840 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DBD840
}
```

## Border

The CSS property to change the border of an element to Hex DBD840 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
#DBD840 }
```

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

```
.border{ border-color:#DBD840 }
```

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

Here you see how a box with a 4 pixel #DBD840 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DBD840; -webkit-box-shadow:4px 4px  
4px 4px #DBD840; box-shadow:4px 4px 4px  
4px #DBD840 }
```

# Background

The CSS property to change the background color of an element to Hex DBD840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DBD840 }
```

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

```
.background{ background-color:#DBD840 }
```

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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