

# Converting Colors

Hex(DBC43C)

Have a look what the booklet for  
Hex(DBC43C) contains.

<b>Hex(DBC43C)</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(DBC43C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DBC43C
RGB	219, 196, 60
RGB Percent	86%, 77%, 24%
CMY	0.1412, 0.2314, 0.7647
CMYK	0.00, 0.11, 0.73, 0.14
HSL	51°, 69%, 55%
HSV	51°, 73%, 86%
XYZ	49.7690, 54.8662, 12.2421
YIQ	187.3730, 57.3640, -37.4200

# Conversions

## Conversions Part 2

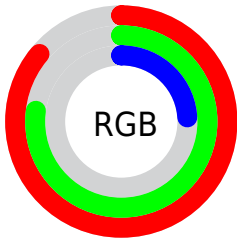
Format	Color
<b>R<sub>YB</sub></b>	87, 219, 60
Decimal	14402620
CIE <sub>Lab</sub>	78.96, -6.32, 67.20
CIE <sub>LCh</sub>	79, 67.498, 95.376
Yxy	54.8662, 0.4258, 0.4694
Android (android.graphics.Color)	4292592700 (0xFFDBC43C)
YUV	187.3730, -62.7949, 27.7369
Hunter-Lab	74.0717, -9.6909, 42.0511

# Details

The Hex color **DBC43C** 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 **3C53DB**, and the grayscale version is **BCBCBC**.

A 20% lighter version of the original color is **FFFC74**, and **A08F00** is the 20% darker color. If you saturate the color by 10%, you get **DBC126**, and if you desaturate by 10%, it is **DBC752**.

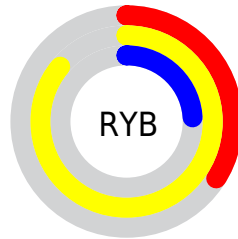
# Distribution



Red (86%)

Green (77%)

Blue (24%)



Red (34%)

Yellow (86%)

Blue (24%)

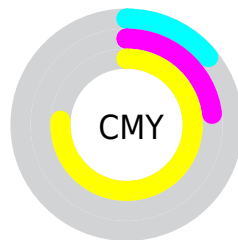


Cyan (0%)

Magenta (11%)

Yellow (73%)

Black (14%)



Cyan (14%)

Magenta (23%)

Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DBC43C 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 DBC43C by changing the saturation by 10% instead.



 DBC43C

 DBC43C

FFFFFF

 BDA91C

 FFFC74

 A08F00

 FFFF90

 847500

 FFFFAC

 685D00

 FFFFC8

 4C4600

 FFFF E5

 323000

 1A1B00

 000000

 DBC43C

 DBC43C

 DBC126

 DBC752

 DBBE10

 DBCA68

 DBBB00

 DBCE7E

 DBD194

 DBD4AA

 DBD7BF

 DBDAD5

 DBDDEB

 DBE1FF

# Harmonies

## Analogous

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



FFAD4F



DBC43C



99D557

# Triad

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



DBC43C



00E0FF



FF95F9

# Complementary

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



DBC43C



3C53DB

# 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.



D5AEFF



DBC43C



00D8FF

# Square

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



DBC43C



00E2CD



55C7FF



FF8ABB

# Rectangle

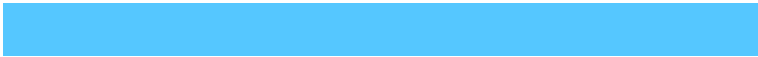
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



DBC43C



5FDC79



55C7FF



FF9DFF



# Sweetspot

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



DBC43C



FFF7C7



DB3C54



807B5E



000000



808080



# Same Dimension

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



DBC43C



FFDF21



A3DB3C



6E6C63



AD9400



2E2700



# Inverse Universe

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



3C53DB



2141FF



743CDB



63646E



0019AD

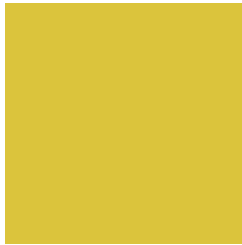


00072E



# Previews

## White Background



This preview shows how the Hex color DBC43C looks on a white background.

## Color Contrast Check

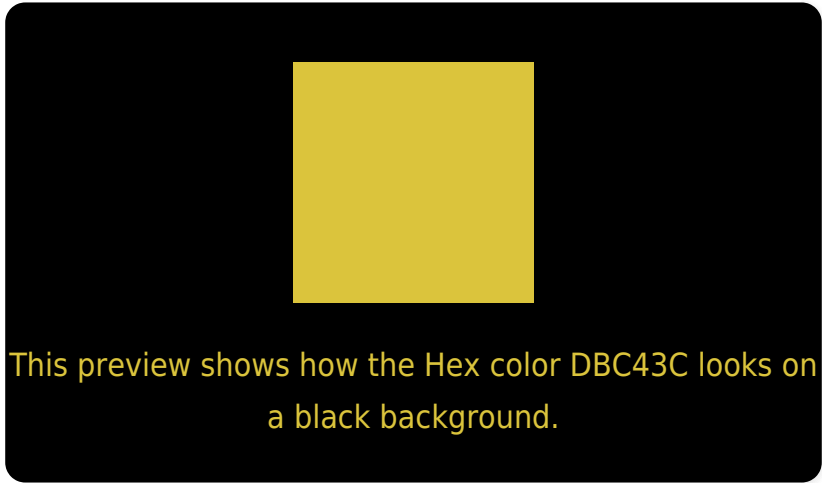
Large Text (above 18pt) WCAG AA × Fail

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 DBC43C Background



This preview shows how black text looks on a background with the Hex color DBC43C.



This preview shows how white text looks on a background with the Hex color DBC43C.

# 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](#).

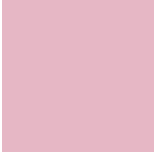
## Dichromacy



**Original Color**  
DBC43C

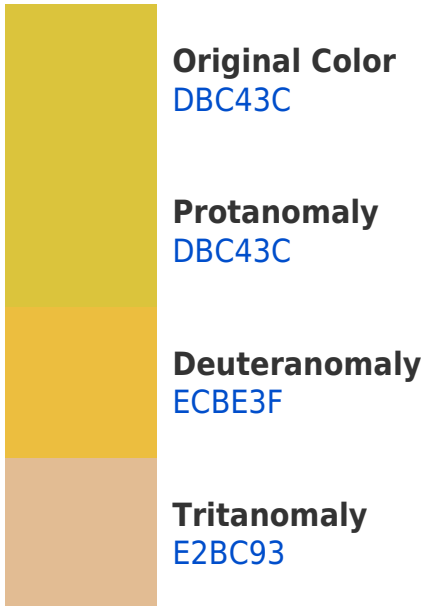
**Protanopia**  
DBC43C

**Deuteranopia**  
F5BA40



**Tritanopia**  
E6B7C5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex DBC43C 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 #DBC43C looks like.

```
.text, #text, p{  
    color:#DBC43C  
}
```

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 #DBC43C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DBC43C
}
```

## Border

The CSS property to change the border of an element to Hex DBC43C 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
#DBC43C }
```

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

```
.border{ border-color:#DBC43C }
```

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

Here you see how a box with a 4 pixel #DBC43C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DBC43C; -webkit-box-shadow:4px 4px  
4px 4px #DBC43C; box-shadow:4px 4px 4px  
4px #DBC43C }
```

# Background

The CSS property to change the background color of an element to Hex DBC43C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DBC43C }
```

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

```
.background{ background-color:#DBC43C }
```

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