

# Converting Colors

Hex(DBC734)

Have a look what the booklet for  
Hex(DBC734) contains.

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**Color**

**Hex(DBC734)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DBC734
RGB	219, 199, 52
RGB Percent	86%, 78%, 20%
CMY	0.1412, 0.2196, 0.7961
CMYK	0.00, 0.09, 0.76, 0.14
HSL	53°, 70%, 53%
HSV	53°, 76%, 86%
XYZ	50.2567, 56.1549, 11.4390
YIQ	188.2220, 59.1070, -41.4770

# Conversions

## Conversions Part 2

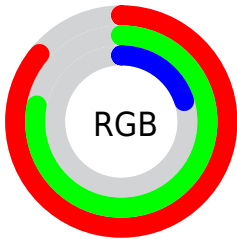
Format	Color
<a href="#">RYB</a>	<a href="#">75, 219, 52</a>
Decimal	<a href="#">14403380</a>
CIELab	<a href="#">79.70, -8.19, 70.63</a>
CIELCh	<a href="#">80, 71.106, 96.615</a>
Yxy	<a href="#">56.1549, 0.4264, 0.4765</a>
Android (android.graphics.Color)	<a href="#">4292593460</a> ( <a href="#">0xFFDBC734</a> )
YUV	<a href="#">188.2220, -67.1574, 26.9923</a>
Hunter-Lab	<a href="#">74.9365, -11.4268, 43.4050</a>

# Details

The Hex color **DBC734** 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 **3448DB**, and the grayscale version is **BDBDBD**.

A 20% lighter version of the original color is **FFFF6E**, and **A09200** is the 20% darker color. If you saturate the color by 10%, you get **DBC41E**, and if you desaturate by 10%, it is **DBCA4A**.

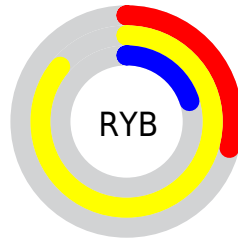
# Distribution



Red (86%)

Green (78%)

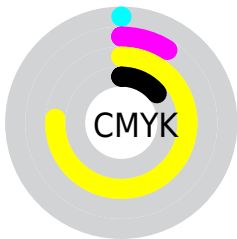
Blue (20%)



Red (29%)

Yellow (86%)

Blue (20%)

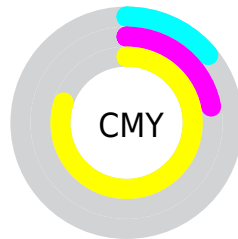


Cyan (0%)

Magenta (9%)

Yellow (76%)

Black (14%)



Cyan (14%)

Magenta (22%)

Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DBC734 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 DBC734 by changing the saturation by 10% instead.



 DBC734

 DBC734

FFFFFF

 BDAC0C

 FFFF6E

 A09200

 FFFF8A

 837800

 FFFFA6

 686000

 FFFFC3

 4C4800

 FFFFFE0

 323200

FFFFFFD

 191D00

 000000

 DBC734

 DBC734

 DBC41E

 DBCA4A

 DBC208

 DBCC60

 DBC100

 DBCF76

 DBD18C

 DBD4A2

 DBD7B7

 DBD9CD

 DBDCE3

 DBDFF9

# Harmonies

## Analogous

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



FFAF48



DBC734



95D854

# Triad

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



DBC734



00E4FF



FF93FC

# Complementary

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



DBC734



3448DB

# 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.



DCAEFF



DBC734



00DAFF

# Square

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



DBC734



00E6D3



52C8FF



FF88B9

# Rectangle

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



DBC734



53DF79



52C8FF



FF9BFF



# Sweetspot

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



DBC734



FFF8C4



DB344A



807B5C



000000



808080



# Same Dimension

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



DBC734



FFE314



9EDB34



6E6C63



AD9900



2E2800



# Inverse Universe

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



3448DB



1430FF



7134DB



63646E



0015AD



00052E



# Previews

## White Background



This preview shows how the Hex color DBC734 looks on a white background.

## Color Contrast Check

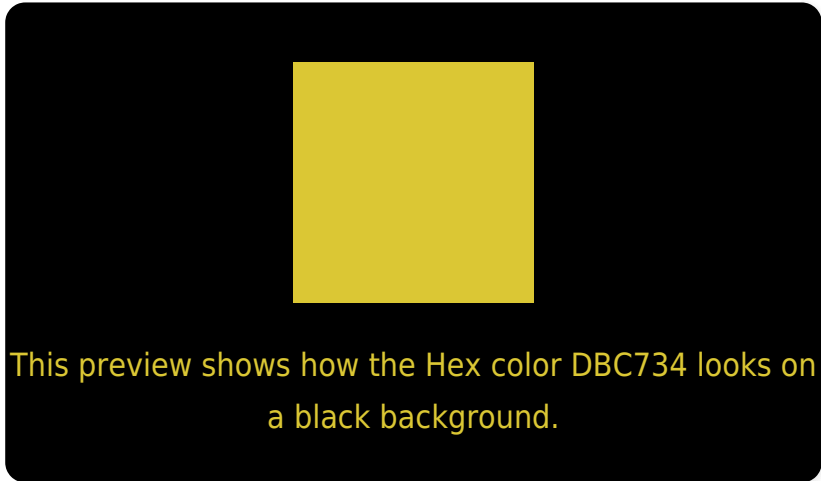
Large Text (above 18pt) WCAG AA × Fail

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 DBC734 Background



This preview shows how black text looks on a background with the Hex color DBC734.

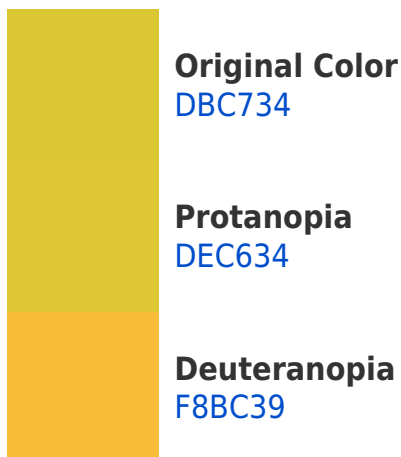



This preview shows how white text looks on a background with the Hex color DBC734.

# 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](#).

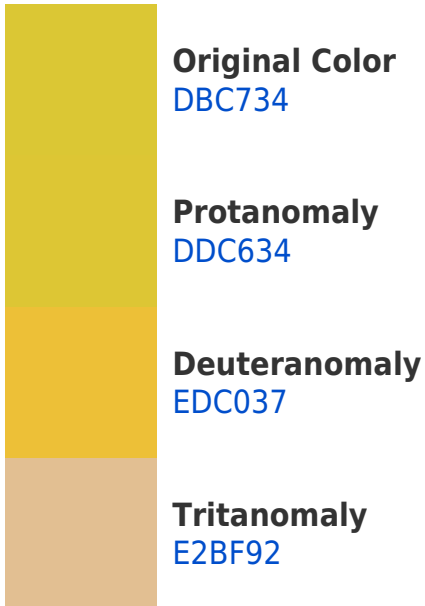
## Dichromacy





**Tritanopia**  
E6BAC8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex DBC734 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 #DBC734 looks like.

```
.text, #text, p{  
    color:#DBC734  
}
```

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 #DBC734 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DBC734
}
```

## Border

The CSS property to change the border of an element to Hex DBC734 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
#DBC734 }
```

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

```
.border{ border-color:#DBC734 }
```

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

Here you see how a box with a 4 pixel #DBC734 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DBC734; -webkit-box-shadow:4px 4px  
4px 4px #DBC734; box-shadow:4px 4px 4px  
4px #DBC734 }
```

# Background

The CSS property to change the background color of an element to Hex DBC734 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DBC734 }
```

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

```
.background{ background-color:#DBC734 }
```

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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