

Converting Colors

Hex(DBC33B)

Have a look what the booklet for
Hex(DBC33B) contains.

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Color

Hex(DBC33B)

Conversions

Conversions Part 1

Format	Color
Hex	DBC33B
RGB	219, 195, 59
RGB Percent	86%, 76%, 23%
CMY	0.1412, 0.2353, 0.7686
CMYK	0.00, 0.11, 0.73, 0.14
HSL	51°, 69%, 55%
HSV	51°, 73%, 86%
XYZ	49.5179, 54.4060, 12.0292
YIQ	186.6720, 57.9600, -37.2080

Conversions

Conversions Part 2

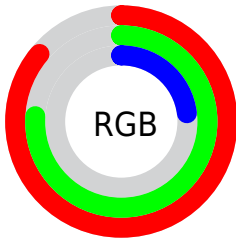
Format	Color
R_{YB}	87, 219, 59
Decimal	14402363
CIE Lab	78.70, -5.85, 67.31
CIE LCh	79, 67.559, 94.971
Yxy	54.4060, 0.4271, 0.4692
Android (android.graphics.Color)	4292592443 (0xFFDBC33B)
YUV	186.6720, -62.9423, 28.3517
Hunter-Lab	73.7605, -9.2476, 41.9630

Details

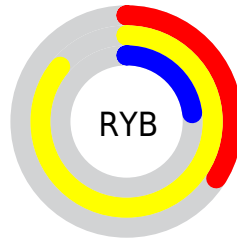
The Hex color **DBC33B** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light muted yellow. A complement of this color would be **3B53DB**, and the grayscale version is **BBBBBB**.

A 20% lighter version of the original color is **FFFB73**, and **A08E00** is the 20% darker color. If you saturate the color by 10%, you get **DBC025**, and if you desaturate by 10%, it is **DBC651**.

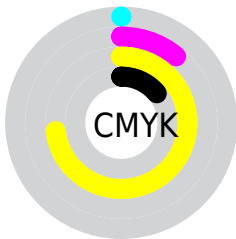
Distribution



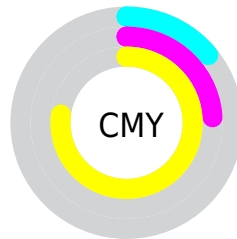
- Red (86%)
- Green (76%)
- Blue (23%)



- Red (34%)
- Yellow (86%)
- Blue (23%)



- Cyan (0%)
- Magenta (11%)
- Yellow (73%)
- Black (14%)



- Cyan (14%)
- Magenta (24%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color DBC33B 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 DBC33B by changing the saturation by 10% instead.

 DBC33B

 DBC33B

FFFFFF

 BDA81A

 FFFB73

 A08E00

 FFFF8F

 847400

 FFFFAB

 685C00

 FFFFC7

 4C4500

 FFFFE4

 322F00

 1A1A00

 000000

 DBC33B

 DBC33B

 DBC025

 DBC651

 DBBC0F

 DBCA67

 DBBA00

 DBCD7D

 DBD093

 DBD3A8

 DBD7BE

 DBDAD4

 DBDDEA

 DBE1FF

Harmonies

Analogous

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



FFAC4F



DBC33B



9AD455

Triad

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



DBC33B



00E0FF



FF95F9

Complementary

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



DBC33B



3B53DB

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.



D3AEFF



DBC33B



00D7FF

Square

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



DBC33B



00E1CC



50C6FF



FF89BB

Rectangle

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



DBC33B



5FDB77



50C6FF



FF9CFF

Sweetspot

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



DBC33B



FFF7C7



DB3B53



807B5E



000000



808080

Same Dimension

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



DBC33B



FFDD1F



A3DB3B



6E6C63



AD9300



2E2700

Inverse Universe

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



3B53DB



1F40FF



733BDB



63646E



001AAD



00072E

Previews

White Background



This preview shows how the Hex color DBC33B looks on a white background.

Color Contrast Check

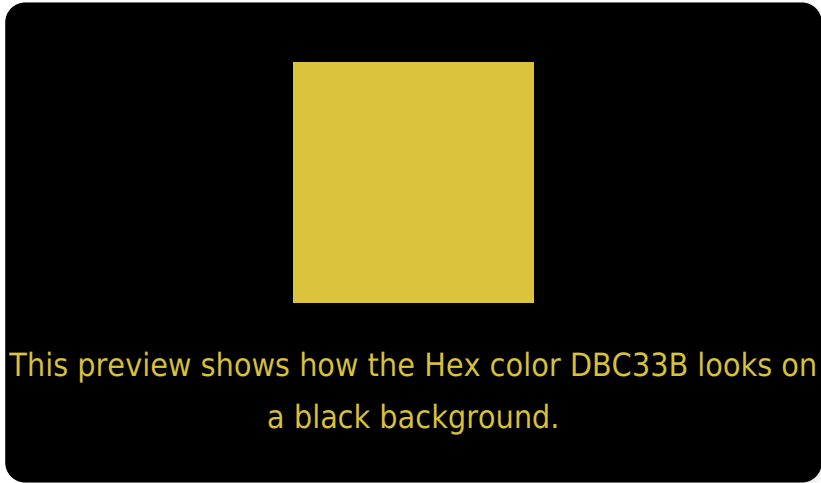
Large Text (above 18pt) WCAG AA × Fail

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 DBC33B Background



This preview shows how black text looks on a background with the Hex color DBC33B.

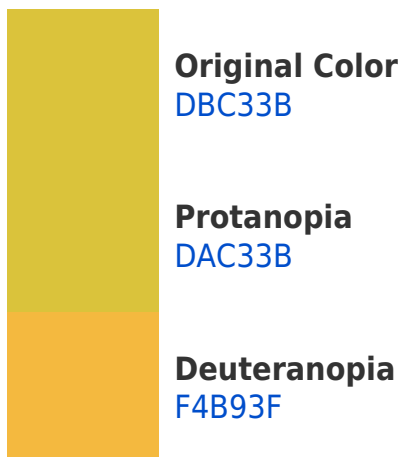


This preview shows how white text looks on a background with the Hex color DBC33B.

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](#).

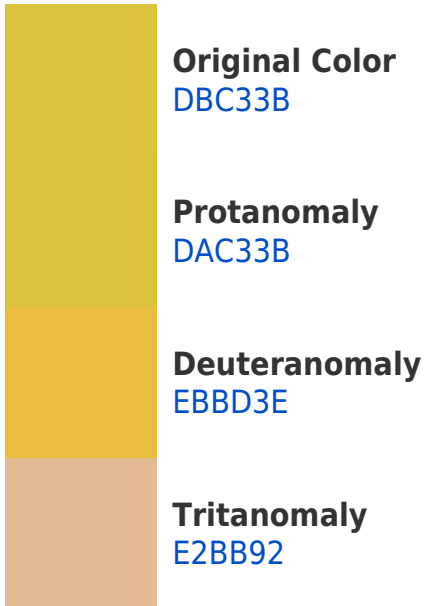
Dichromacy





Tritanopia
E6B6C4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DBC33B 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 #DBC33B looks like.

```
.text, #text, p{  
    color:#DBC33B  
}
```

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 #DBC33B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DBC33B
}
```

Border

The CSS property to change the border of an element to Hex DBC33B 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
#DBC33B }
```

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

```
.border{ border-color:#DBC33B }
```

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

Here you see how a box with a 4 pixel #DBC33B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DBC33B; -webkit-box-shadow:4px 4px  
4px 4px #DBC33B; box-shadow:4px 4px 4px  
4px #DBC33B }
```

Background

The CSS property to change the background color of an element to Hex DBC33B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DBC33B }
```

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

```
.background{ background-color:#DBC33B }
```

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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