

Converting Colors

Hex(DBC306)

Have a look what the booklet for
Hex(DBC306) contains.

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Color

Hex(DBC306)

Conversions

Conversions Part 1

Format	Color
Hex	DBC306
RGB	219, 195, 6
RGB Percent	86%, 76%, 2%
CMY	0.1412, 0.2353, 0.9765
CMYK	0.00, 0.11, 0.97, 0.14
HSL	53°, 95%, 44%
HSV	53°, 97%, 86%
XYZ	48.7614, 54.1034, 8.0453
YIQ	180.6300, 74.9730, -53.6910

Conversions

Conversions Part 2

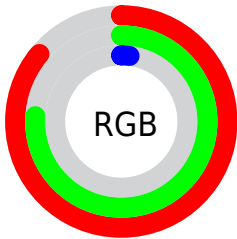
Format	Color
R_YB	33, 219, 6
Decimal	14402310
CIE Lab	78.52, -7.16, 79.04
CIE LCh	79, 79.367, 95.173
Yxy	54.1034, 0.4396, 0.4878
Android (android.graphics.Color)	4292592390 (0xFFDBC306)
YUV	180.6300, -86.0926, 33.6505
Hunter-Lab	73.5550, -10.3894, 45.0035

Details

The Hex color **DBC306** is a dark color, and the websafe version is hex **CCCC00**. The color can be described as middle washed yellow. A complement of this color would be **061EDB**, and the grayscale version is **B5B5B5**.

A 20% lighter version of the original color is **FFFB55**, and **9F8E00** is the 20% darker color. If you saturate the color by 10%, you get **DBC200**, and if you desaturate by 10%, it is **DBC51C**.

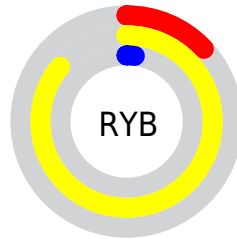
Distribution



Red (86%)

Green (76%)

Blue (2%)



Red (13%)

Yellow (86%)

Blue (2%)

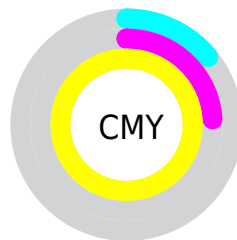


Cyan (0%)

Magenta (11%)

Yellow (97%)

Black (14%)



Cyan (14%)

Magenta (24%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color DBC306 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 DBC306 by changing the saturation by 10% instead.

 DBC306

 DBC306

FFFFFF

 BDA800

 FFFB55

 9F8E00

 FFFF72

 827500

 FFFF8F

 665C00

 FFFFAC

 4A4500

 FFFFC9

 302F00

 FFFF7E

 181B00

 000000

 DBC306

 DBC306

 DBC200

 DBC51C

 DBC832

 DBCA48

 DBCD5E

 DBCF73

 DBD289

 DBD49F

 DBD7B5

 DBD9CB

Harmonies

Analogous

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



FFA734



DBC306



8ED63C

Triad

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



DBC306



00E3FF



FF88FF

Complementary

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



DBC306



061EDB

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.



D4A9FF



DBC306



00DAFF

Square

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



DBC306



00E5CD



00C7FF



FF78B9

Rectangle

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



DBC306



3CDE69



00C7FF



FF92FF

Sweetspot

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



DBC306



FFF7B5



DB061F



807A53



000000



808080

Same Dimension

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



DBC306



FFE200



89DB06



6E6C63



AD9A00



2E2900

Inverse Universe

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



061EDB



001DFF



5806DB



63646E



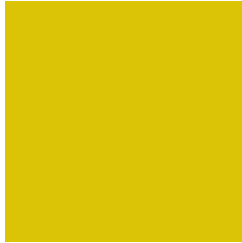
0014AD



00052E

Previews

White Background



This preview shows how the Hex color DBC306 looks on a white background.

Color Contrast Check

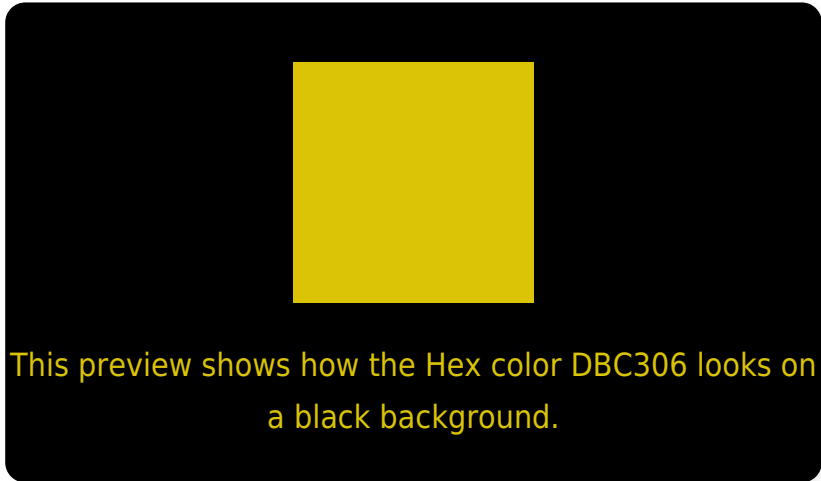
Large Text (above 18pt) WCAG AA × Fail

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 DBC306 Background



This preview shows how black text looks on a background with the Hex color DBC306.



This preview shows how white text looks on a background with the Hex color DBC306.

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
E6B5C3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DBC306 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 #DBC306 looks like.

```
.text, #text, p{  
    color:#DBC306  
}
```

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 #DBC306 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DBC306
}
```

Border

The CSS property to change the border of an element to Hex DBC306 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
#DBC306 }
```

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

```
.border{ border-color:#DBC306 }
```

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

Here you see how a box with a 4 pixel #DBC306 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DBC306; -webkit-box-shadow:4px 4px  
4px 4px #DBC306; box-shadow:4px 4px 4px  
4px #DBC306 }
```

Background

The CSS property to change the background color of an element to Hex DBC306 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DBC306 }
```

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

```
.background{ background-color:#DBC306 }
```

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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