

Converting Colors

Hex(DBC01E)

Have a look what the booklet for
Hex(DBC01E) contains.

Hex(DBC01E)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(DBC01E)

Conversions

Conversions Part 1

Format	Color
Hex	DBC01E
RGB	219, 192, 30
RGB Percent	86%, 75%, 12%
CMY	0.1412, 0.2471, 0.8824
CMYK	0.00, 0.12, 0.86, 0.14
HSL	51°, 76%, 49%
HSV	51°, 86%, 86%
XYZ	48.2974, 52.8531, 8.8844
YIQ	181.6050, 68.0940, -44.6580

Conversions

Conversions Part 2

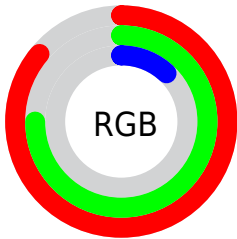
Format	Color
RYB	62, 219, 30
Decimal	14401566
CIELab	77.79, -5.27, 74.96
CIELCh	78, 75.142, 94.019
Yxy	52.8531, 0.4389, 0.4803
Android (android.graphics.Color)	4292591646 (0xFFDBC01E)
YUV	181.6050, -74.7413, 32.7954
Hunter-Lab	72.7001, -8.6410, 43.6445

Details

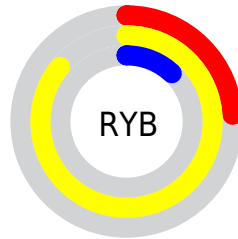
The Hex color **DBC01E** is a dark color, and the websafe version is hex **FFCC33**. The color can be described as middle washed yellow. A complement of this color would be **1E39DB**, and the grayscale version is **B6B6B6**.

A 20% lighter version of the original color is **FFF85E**, and **9F8B00** is the 20% darker color. If you saturate the color by 10%, you get **DBBD08**, and if you desaturate by 10%, it is **DBC334**.

Distribution



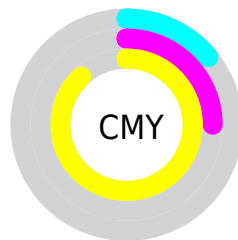
- Red (86%)
- Green (75%)
- Blue (12%)



- Red (24%)
- Yellow (86%)
- Blue (12%)



- Cyan (0%)
- Magenta (12%)
- Yellow (86%)
- Black (14%)



- Cyan (14%)
- Magenta (25%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Hex color DBC01E 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 DBC01E by changing the saturation by 10% instead.

 DBC01E

 DBC01E

FFFFFF

 BDA500

 FFF85E

 9F8B00

 FFFF7B

 837200

 FFFF97

 665A00

 FFFFB4

 4B4300

 FFFFD1

 312D00

 FFFFEE

 181900

 000000

 DBC01E

 DBC01E

 DBBD08

 DBC334

 DBBC00

 DBC64A

 DBC960

 DBCD76

 DBD08B

 DBD3A1

 DBD6B7

 DBD9CD

 DBDCE3

Harmonies

Analogous

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



FFA63E



DBC01E



93D242

Triad

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



DBC01E



00E0FF



FF8BFF

Complementary

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



DBC01E



1E39DB

Split Complementary

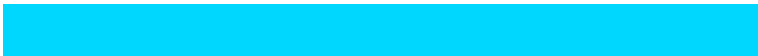
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



CEAAFF



DBC01E



00D7FF

Square

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



DBC01E



00E1C8



00C5FF



FF7CBA

Rectangle

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



DBC01E



4EDA6A



00C5FF



FF95FF

Sweetspot

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



DBC01E



FFF6BD



DB1E3A



807A58



000000



808080

Same Dimension

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



DBC01E



FFDB00



99DB1E



6E6C63



AD9500



2E2700

Inverse Universe

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



1E39DB



0024FF



601EDB



63646E



0019AD



00072E

Previews

White Background



This preview shows how the Hex color DBC01E looks on a white background.

Color Contrast Check

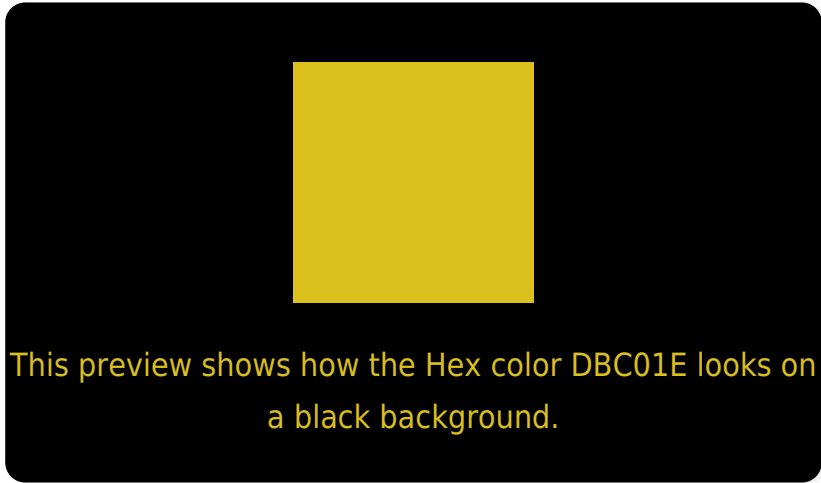
Large Text (above 18pt) WCAG AA × Fail

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 DBC01E Background



This preview shows how black text looks on a background with the Hex color DBC01E.



This preview shows how white text looks on a background with the Hex color DBC01E.

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](#).

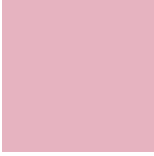
Dichromacy



Original Color
DBC01E

Protanopia
D9C11E

Deuteranopia
F2B625



Tritanopia
E6B3C0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DBC01E 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 #DBC01E looks like.

```
.text, #text, p{  
    color:#DBC01E  
}
```

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 #DBC01E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DBC01E
}
```

Border

The CSS property to change the border of an element to Hex DBC01E 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
#DBC01E }
```

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

```
.border{ border-color:#DBC01E }
```

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

Here you see how a box with a 4 pixel #DBC01E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DBC01E; -webkit-box-shadow:4px 4px  
4px 4px #DBC01E; box-shadow:4px 4px 4px  
4px #DBC01E }
```

Background

The CSS property to change the background color of an element to Hex DBC01E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DBC01E }
```

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

```
.background{ background-color:#DBC01E }
```

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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