

# Converting Colors

Hex(DBB00E)

Have a look what the booklet for  
Hex(DBB00E) contains.

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# **Color**

**Hex(DBB00E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DBB00E
RGB	219, 176, 14
RGB Percent	86%, 69%, 5%
CMY	0.1412, 0.3098, 0.9451
CMYK	0.00, 0.20, 0.94, 0.14
HSL	47°, 88%, 46%
HSV	47°, 94%, 86%
XYZ	44.8180, 46.1424, 6.9597
YIQ	170.3890, 77.6300, -41.2660

# Conversions

## Conversions Part 2

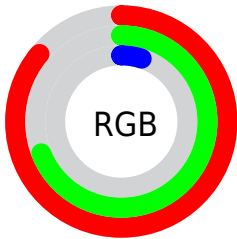
Format	Color
<a href="#">RYB</a>	<a href="#">68, 219, 14</a>
Decimal	<a href="#">14397454</a>
CIELab	<a href="#">73.64, 2.80, 74.58</a>
CIELCh	<a href="#">74, 74.634, 87.849</a>
Yxy	<a href="#">46.1424, 0.4577, 0.4712</a>
Android (android.graphics.Color)	<a href="#">4292587534</a> ( <a href="#">0xFFDDBB00E</a> )
YUV	<a href="#">170.3890, -77.0998, 42.6318</a>
Hunter-Lab	<a href="#">67.9282, -1.1028, 41.4751</a>

# Details

The Hex color **DBB00E** is a dark color, and the websafe version is hex **CC9900**. The color can be described as middle washed orange. A complement of this color would be **0E39DB**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **FFE754**, and **9F7C00** is the 20% darker color. If you saturate the color by 10%, you get **DBAD00**, and if you desaturate by 10%, it is **DBB524**.

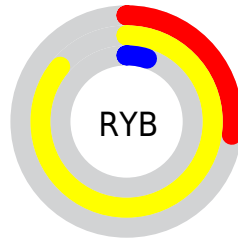
# Distribution



Red (86%)

Green (69%)

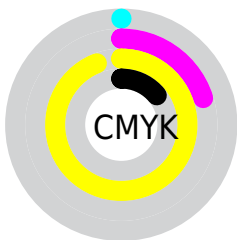
Blue (5%)



Red (27%)

Yellow (86%)

Blue (5%)

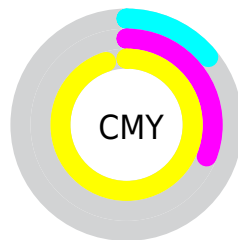


Cyan (0%)

Magenta (20%)

Yellow (94%)

Black (14%)



Cyan (14%)

Magenta (31%)

Yellow (95%)

# Brightness & Saturation Gradients

These gradients show how the Hex color `DBB00E` 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 `DBB00E` by changing the saturation by 10% instead.



 DBB00E

 DBB00E

FFFFFF

 BD9600

 FFE754

 9F7C00

 FFFF71

 826300

 FFFF8D

 654C00

 FFFFA9

 4A3600

 FFFFC6

 302100

 FFFFE3

 170A00

 000000

 DBB00E

 DBB00E

■ DBAD00

■ DBB524

■ DBB93A

■ DBBE50

■ DBC266

■ DBC77B

■ DBCC91

■ DBD0A7

■ DBD5BD

■ DBD9D3

# Harmonies

## Analogous

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



FF953E



DBB00E



98C42B

# Triad

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



DBB00E



00D4F3



FF86FF

# Complementary

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



DBB00E



0E39DB

# 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.



AAA5FF



DBB00E



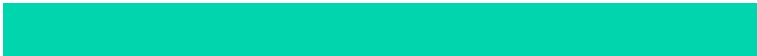
00CEFF

# Square

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



DBB00E



00D5AE



00BEFF



FF71BD

# Rectangle

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



DBB00E



5CCC52



00BEFF



EB90FF



# Sweetspot

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



DBB00E



FFF0B8



DB0E3A



807654



000000



808080



# Same Dimension

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



DBB00E



FFCA00



A1DB0E



6E6B63



AD8900



2E2400



# Inverse Universe

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



0E39DB



0035FF



480EDB



63656E



0024AD



000A2E



# Previews

## White Background



This preview shows how the Hex color DBB00E looks on a white background.

## Color Contrast Check

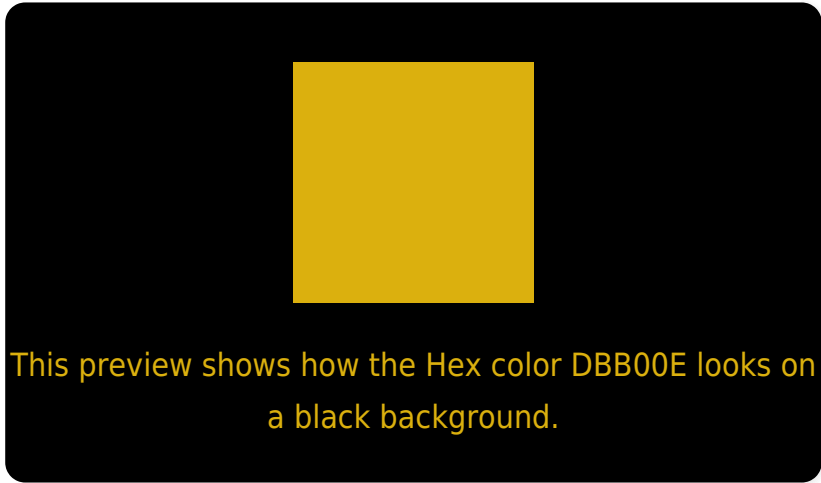
Large Text (above 18pt) WCAG AA × Fail

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 DBB00E Background



This preview shows how black text looks on a background with the Hex color DBB00E.



This preview shows how white text looks on a background with the Hex color DBB00E.

# 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**  
DBB00E

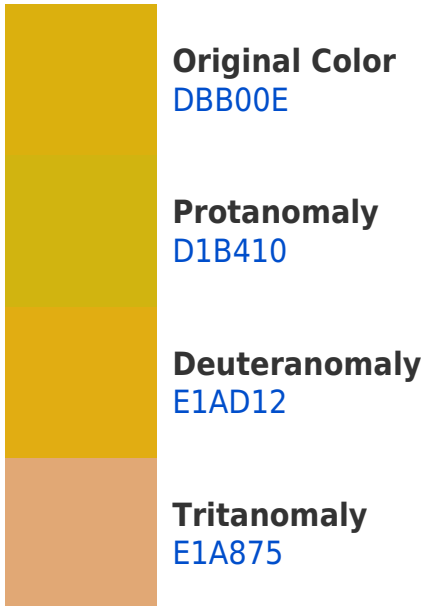
**Protanopia**  
CCB611

**Deuteranopia**  
E5AC14

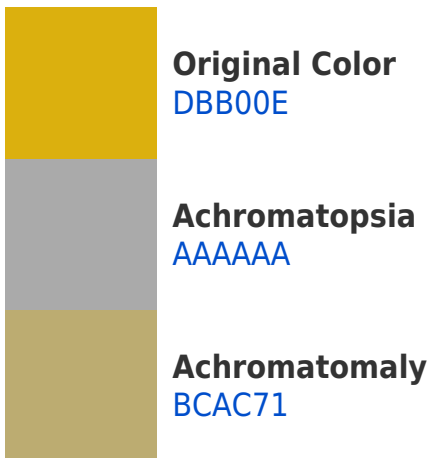


**Tritanopia**  
E4A4B0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex DBB00E 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 #DBB00E looks like.

```
.text, #text, p{  
    color:#DBB00E  
}
```

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 #DBB00E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DBB00E
}
```

## Border

The CSS property to change the border of an element to Hex DBB00E 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
#DBB00E }
```

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

```
.border{ border-color:#DBB00E }
```

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

Here you see how a box with a 4 pixel #DBB00E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DBB00E; -webkit-box-shadow:4px 4px  
4px 4px #DBB00E; box-shadow:4px 4px 4px  
4px #DBB00E }
```

# Background

The CSS property to change the background color of an element to Hex DBB00E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DBB00E }
```

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

```
.background{ background-color:#DBB00E }
```

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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