

# Converting Colors

Hex(DBB229)

Have a look what the booklet for  
Hex(DBB229) contains.

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# **Color**

**Hex(DBB229)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DBB229
RGB	219, 178, 41
RGB Percent	86%, 70%, 16%
CMY	0.1412, 0.3020, 0.8392
CMYK	0.00, 0.19, 0.81, 0.14
HSL	46°, 71%, 51%
HSV	46°, 81%, 86%
XYZ	45.5341, 47.0610, 8.7816
YIQ	174.6410, 68.4130, -33.9150

# Conversions

## Conversions Part 2

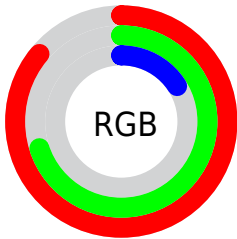
Format	Color
<a href="#">RYB</a>	<a href="#">94, 219, 41</a>
Decimal	<a href="#">14397993</a>
CIELab	<a href="#">74.23, 2.32, 69.16</a>
CIELCh	<a href="#">74, 69.195, 88.082</a>
Yxy	<a href="#">47.0610, 0.4492, 0.4642</a>
Android (android.graphics.Color)	<a href="#">4292588073</a> (0xFFDDBB229)
YUV	<a href="#">174.6410, -65.8850, 38.9028</a>
Hunter-Lab	<a href="#">68.6010, -1.5720, 40.4310</a>

# Details

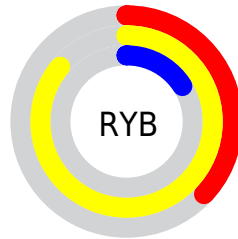
The Hex color **DBB229** is a dark color, and the websafe version is hex **CC9900**. The color can be described as middle washed orange. A complement of this color would be **2952DB**, and the grayscale version is **AFAFAF**.

A 20% lighter version of the original color is **FFE963**, and **9F7E00** is the 20% darker color. If you saturate the color by 10%, you get **DBAD13**, and if you desaturate by 10%, it is **DBB73F**.

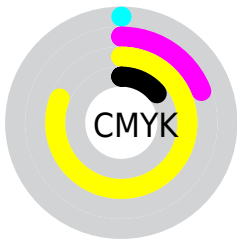
# Distribution



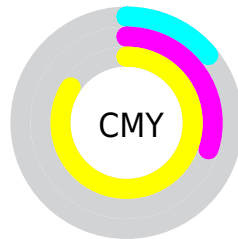
- Red (86%)
- Green (70%)
- Blue (16%)



- Red (37%)
- Yellow (86%)
- Blue (16%)



- Cyan (0%)
- Magenta (19%)
- Yellow (81%)
- Black (14%)



- Cyan (14%)
- Magenta (30%)
- Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DBB229 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 DBB229 by changing the saturation by 10% instead.



 DBB229

 DBB229

FFFFFF

 BD9700

 FFE963

 9F7E00

 FFFF7F

 836500

 FFFF9B

 664D00

 FFFFFB7

 4B3700

 FFFFFD4

 312200

 FFFFFF1

 180D00

 000000

 DBB229

 DBB229

 DBAD13

 DBB73F

 DBA900

 DBBC55

 DBC16B

 DBC681

 DBCB97

 DBD0AC

 DBD5C2

 DBDAD8

 DBDFEE

# Harmonies

## Analogous

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



FF9949



DBB229



9CC43C

# Triad

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



DBB229



00D4F1



FF8CFB

# Complementary

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



DBB229



2952DB

# 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.



B0A7FF



DBB229



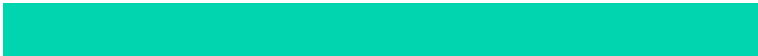
00CEFF

# Square

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



DBB229



00D5B0



00BFFF



FF7BBD

# Rectangle

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



DBB229



67CC5D



00BFFF



EA95FF

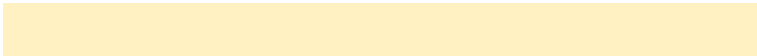


# Sweetspot

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



DBB229



FFF1C2



DB2953



80775B



000000



808080



# Same Dimension

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



DBB229



FFC505



ACDB29



6E6B63



AD8500



2E2300



# Inverse Universe

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



2952DB



053FFF



5829DB



63656E



0028AD



000B2E



# Previews

## White Background



This preview shows how the Hex color **DBB229** looks on a white background.

## Color Contrast Check

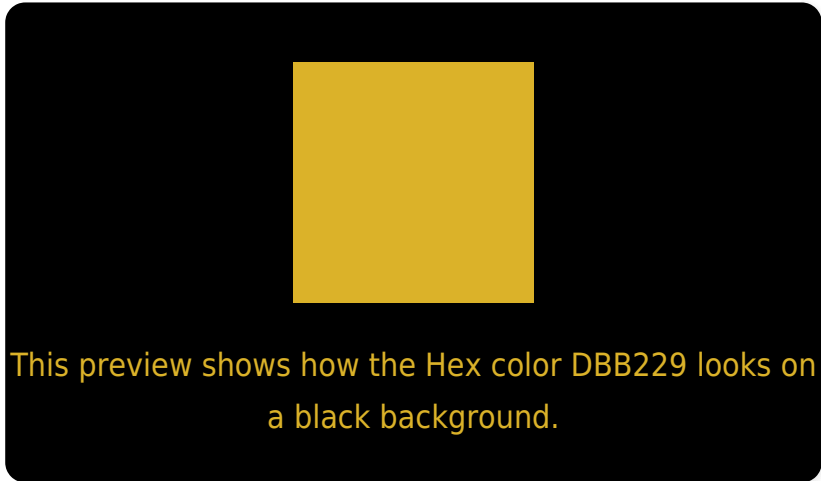
Large Text (above 18pt) WCAG AA × Fail

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 DBB229 Background



This preview shows how black text looks on a background with the Hex color DBB229.

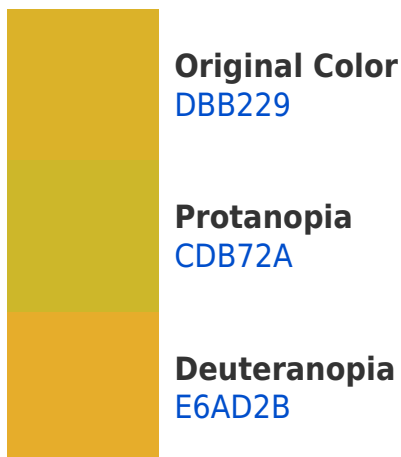


This preview shows how white text looks on a background with the Hex color DBB229.

# 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](#).

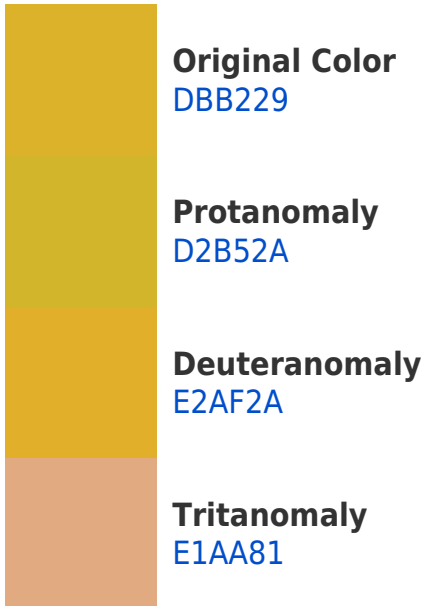
## Dichromacy



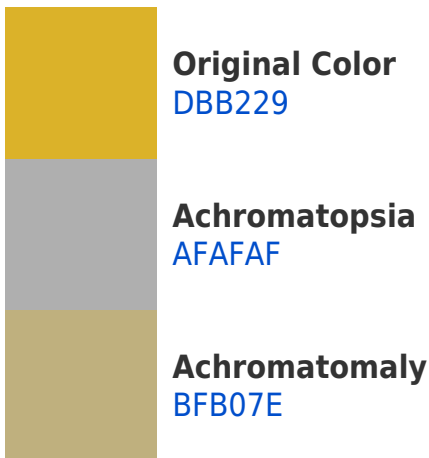


**Tritanopia**  
E4A6B3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex DBB229 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 #DBB229 looks like.

```
.text, #text, p{  
    color:#DBB229  
}
```

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 #DBB229 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DBB229
}
```

## Border

The CSS property to change the border of an element to Hex DBB229 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
#DBB229 }
```

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

```
.border{ border-color:#DBB229 }
```

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

Here you see how a box with a 4 pixel #DBB229 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DBB229; -webkit-box-shadow:4px 4px  
4px 4px #DBB229; box-shadow:4px 4px 4px  
4px #DBB229 }
```

# Background

The CSS property to change the background color of an element to Hex DBB229 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DBB229 }
```

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

```
.background{ background-color:#DBB229 }
```

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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