

# Converting Colors

Hex(DBB142)

Have a look what the booklet for  
Hex(DBB142) contains.

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**Color**

**Hex(DBB142)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DBB142
RGB	219, 177, 66
RGB Percent	86%, 69%, 26%
CMY	0.1412, 0.3059, 0.7412
CMYK	0.00, 0.19, 0.70, 0.14
HSL	44°, 68%, 56%
HSV	44°, 70%, 86%
XYZ	45.9189, 46.8977, 11.7862
YIQ	176.9040, 60.6630, -25.6170

# Conversions

## Conversions Part 2

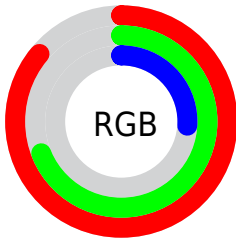
Format	Color
<a href="#">RYB</a>	<a href="#">124, 219, 66</a>
Decimal	<a href="#">14397762</a>
CIELab	<a href="#">74.12, 3.87, 60.07</a>
CIELCh	<a href="#">74, 60.194, 86.318</a>
Yxy	<a href="#">46.8977, 0.4390, 0.4483</a>
Android (android.graphics.Color)	<a href="#">4292587842 (0xFFDDBB142)</a>
YUV	<a href="#">176.9040, -54.6757, 36.9182</a>
Hunter-Lab	<a href="#">68.4819, -0.1543, 37.7331</a>

# Details

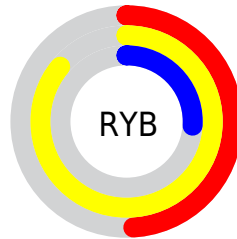
The Hex color **DBB142** is a light color, and the websafe version is hex **CC9933**. The color can be described as light muted orange. A complement of this color would be **426CDB**, and the grayscale version is **B1B1B1**.

A 20% lighter version of the original color is **FFE878**, and **A07D00** is the 20% darker color. If you saturate the color by 10%, you get **DBAB2C**, and if you desaturate by 10%, it is **DBB758**.

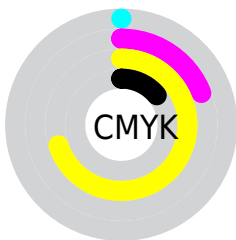
# Distribution



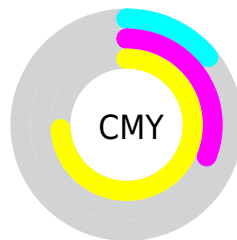
- Red (86%)
- Green (69%)
- Blue (26%)



- Red (49%)
- Yellow (86%)
- Blue (26%)



- Cyan (0%)
- Magenta (19%)
- Yellow (70%)
- Black (14%)



- Cyan (14%)
- Magenta (31%)
- Yellow (74%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DBB142 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 DBB142 by changing the saturation by 10% instead.



 DBB142

 DBB142

FFFFFF

 BD9626

 FFE878

 A07D00

 FFFF93

 836400

 FFFFFAF

 684C00

 FFFFFCB

 4C3600

 FFFFFE8

 322100

 1A0B00

 000000

 DBB142

 DBB142

 DBAB2C

 DBB758

 DBA516

 DBBD6E

 DB9F00

 DBC384

 DBC99A

 DBCFB0

 DBD5C5

 DBDBDB

 DBE1F1

 DBE7FF

# Harmonies

## Analogous

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



FF9C5B



DBB142



A5C24D

# Triad

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



DBB142



00D1E6



F494F4

# Complementary

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



DBB142



426CDB

# 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.



ADAAFF



DBB142



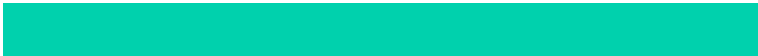
00CBFF

# Square

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



DBB142



00D1AD



07BEFF



FF86BF

# Rectangle

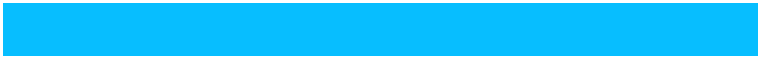
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



DBB142



79C966



07BEFF



E09BFF



# Sweetspot

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



DBB142



FFF0C9



DB426D



807760



000000



808080



# Same Dimension

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



DBB142



FFC429



BADB42



6E6B63



AD7E00



2E2100



# Inverse Universe

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



426CDB



2964FF



6342DB



63666E



0030AD



000D2E



# Previews

## White Background



This preview shows how the Hex color DBB142 looks on a white background.

## Color Contrast Check

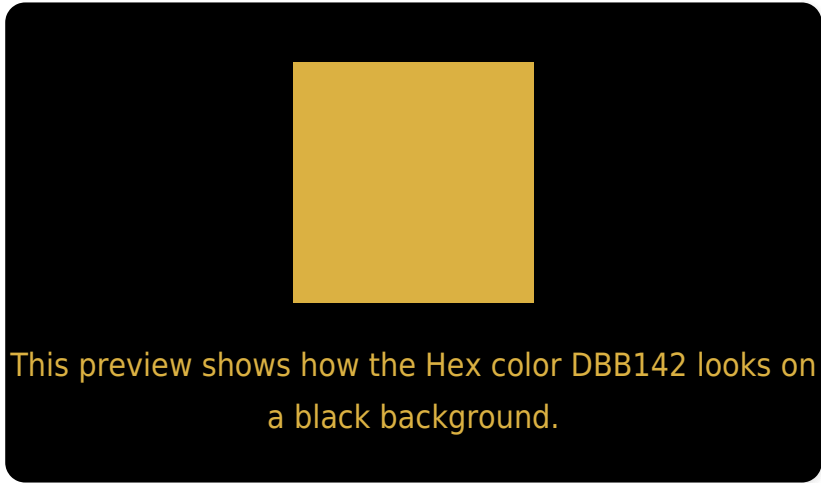
Large Text (above 18pt) WCAG AA × Fail

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 DBB142 Background



This preview shows how black text looks on a background with the Hex color DBB142.



This preview shows how white text looks on a background with the Hex color DBB142.

# 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**  
DBB142

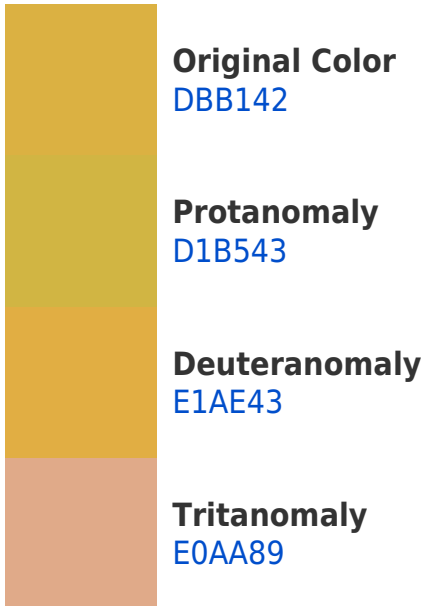
**Protanopia**  
CCB744

**Deuteranopia**  
E4AD43



**Tritanopia**  
E3A6B2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex DBB142 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 #DBB142 looks like.

```
.text, #text, p{  
    color:#DBB142  
}
```

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 #DBB142 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DBB142
}
```

## Border

The CSS property to change the border of an element to Hex DBB142 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
#DBB142 }
```

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

```
.border{ border-color:#DBB142 }
```

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

Here you see how a box with a 4 pixel #DBB142 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DBB142; -webkit-box-shadow:4px 4px  
4px 4px #DBB142; box-shadow:4px 4px 4px  
4px #DBB142 }
```

# Background

The CSS property to change the background color of an element to Hex DBB142 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DBB142 }
```

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

```
.background{ background-color:#DBB142 }
```

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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