

# Converting Colors

Hex(DBBE3D)

Have a look what the booklet for  
Hex(DBBE3D) contains.

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# **Color**

**Hex(DBBE3D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DBBE3D
RGB	219, 190, 61
RGB Percent	86%, 75%, 24%
CMY	0.1412, 0.2549, 0.7608
CMYK	0.00, 0.13, 0.72, 0.14
HSL	49°, 69%, 55%
HSV	49°, 72%, 86%
XYZ	48.4692, 52.2239, 11.9405
YIQ	183.9650, 58.6930, -33.9710

# Conversions

## Conversions Part 2

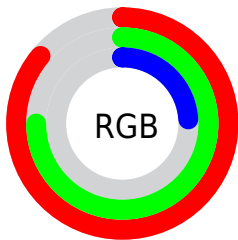
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	97, 219, 61
Decimal	14401085
CIE <sub>Lab</sub>	77.41, -3.18, 65.33
CIE <sub>LCh</sub>	77, 65.406, 92.790
Yxy	52.2239, 0.4303, 0.4637
Android (android.graphics.Color)	4292591165 (0xFFDBBE3D)
YUV	183.9650, -60.6217, 30.7257
Hunter-Lab	72.2661, -6.7450, 40.7898

# Details

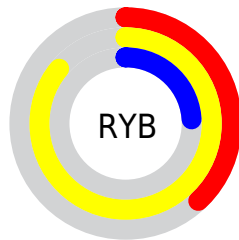
The Hex color **DBBE3D** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light muted orange. A complement of this color would be **3D5ADB**, and the grayscale version is **B9B9B9**.

A 20% lighter version of the original color is **FFF674**, and **A08900** is the 20% darker color. If you saturate the color by 10%, you get **DBBA27**, and if you desaturate by 10%, it is **DBC253**.

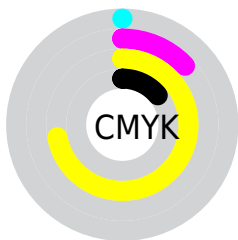
# Distribution



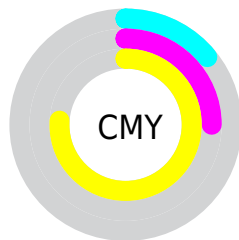
- Red (86%)
- Green (75%)
- Blue (24%)



- Red (38%)
- Yellow (86%)
- Blue (24%)



- Cyan (0%)
- Magenta (13%)
- Yellow (72%)
- Black (14%)



- Cyan (14%)
- Magenta (25%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DBBE3D 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 DBBE3D by changing the saturation by 10% instead.





DBBE3D



DBBE3D

FFFFFF



BDA31E



FFF674



A08900



FFFF90



847000



FFFFAC



685800



FFFFC8



4C4100



FFFFE5



322B00



1A1700



000000



DBBE3D



DBBE3D

 DBBA27

 DBC253

 DBB611

 DBC669

 DBB300

 DBCA7F

 DBCE95

 DBD2AB

 DBD6C0

 DBDAD6

 DBDEEC

 DBE2FF

# Harmonies

## Analogous

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



FFA852



DBBE3D



9DCF53

# Triad

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



DBBE3D



00DCFF



FF94F8

# Complementary

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



DBBE3D



3D5ADB

# 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.



C9ADFF



DBBE3D



00D4FF

# Square

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



DBBE3D



00DDC3



43C4FF



FF88BC

# Rectangle

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



DBBE3D



67D672



43C4FF



FB9CFF



# Sweetspot

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



DBBE3D



FFF5C7



DB3D5D



80795E



000000



808080



# Same Dimension

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



DBBE3D



FFD621



ACDB3D



6E6C63



AD8E00



2E2500



# Inverse Universe

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



3D5ADB



214AFF



6C3DDB



63656E



0020AD



00082E



# Previews

## White Background



This preview shows how the Hex color DBBE3D looks on a white background.

## Color Contrast Check

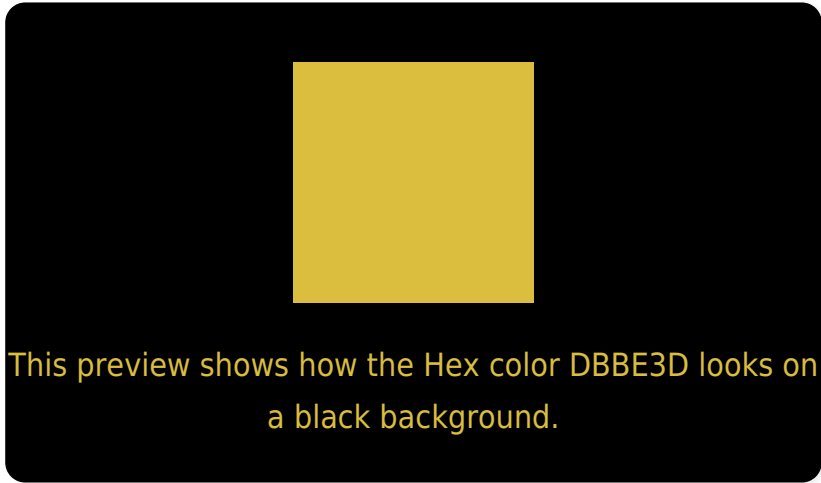
Large Text (above 18pt) WCAG AA × Fail

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 DBBE3D Background



This preview shows how black text looks on a background with the Hex color DBBE3D.

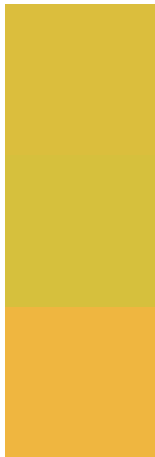


This preview shows how white text looks on a background with the Hex color DBBE3D.

# 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**  
DBBE3D

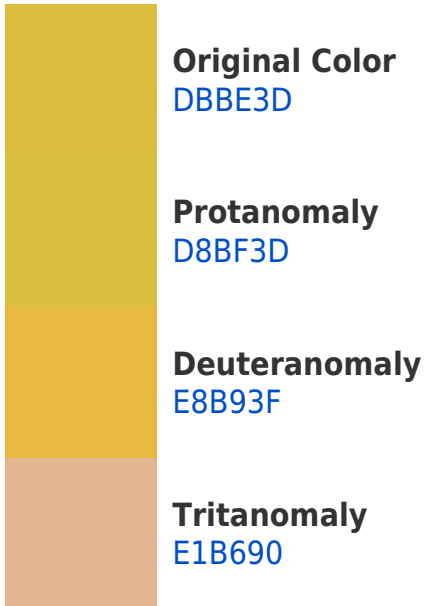
**Protanopia**  
D6C03D

**Deuteranopia**  
EFB640

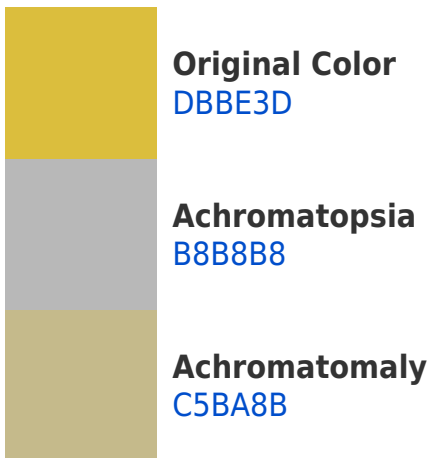


**Tritanopia**  
E5B2BF

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex DBBE3D 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 #DBBE3D looks like.

```
.text, #text, p{  
    color:#DBBE3D  
}
```

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 #DBBE3D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DBBE3D
}
```

## Border

The CSS property to change the border of an element to Hex DBBE3D 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
#DBBE3D }
```

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

```
.border{ border-color:#DBBE3D }
```

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

Here you see how a box with a 4 pixel #DBBE3D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DBBE3D; -webkit-box-shadow:4px 4px  
4px 4px #DBBE3D; box-shadow:4px 4px 4px  
4px #DBBE3D }
```

# Background

The CSS property to change the background color of an element to Hex DBBE3D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DBBE3D }
```

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

```
.background{ background-color:#DBBE3D }
```

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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