

# Converting Colors

Hex(DEBB3D)

Have a look what the booklet for  
Hex(DEBB3D) contains.

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# **Color**

**Hex(DEBB3D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DEBB3D
RGB	222, 187, 61
RGB Percent	87%, 73%, 24%
CMY	0.1294, 0.2667, 0.7608
CMYK	0.00, 0.16, 0.73, 0.13
HSL	47°, 71%, 55%
HSV	47°, 73%, 87%
XYZ	48.7368, 51.4072, 11.7687
YIQ	183.1010, 61.3060, -31.7660

# Conversions

## Conversions Part 2

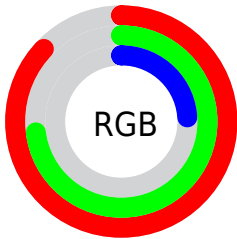
Format	Color
<a href="#">RYB</a>	<a href="#">106, 222, 61</a>
Decimal	<a href="#">14596925</a>
<a href="#">CIELab</a>	<a href="#">76.92, -0.34, 64.95</a>
<a href="#">CIElCh</a>	<a href="#">77, 64.947, 90.300</a>
<a href="#">Yxy</a>	<a href="#">51.4072, 0.4355, 0.4594</a>
<a href="#">Android (android.graphics.Color)</a>	<a href="#">4292787005 (0xFFDEBB3D)</a>
<a href="#">YUV</a>	<a href="#">183.1010, -60.1958, 34.1144</a>
<a href="#">Hunter-Lab</a>	<a href="#">71.6988, -4.1386, 40.4572</a>

# Details

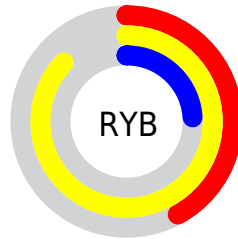
The Hex color **DEBB3D** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light muted orange. A complement of this color would be **3D60DE**, and the grayscale version is **B8B8B8**.

A 20% lighter version of the original color is **FFF374**, and **A38600** is the 20% darker color. If you saturate the color by 10%, you get **DEB627**, and if you desaturate by 10%, it is **DEC053**.

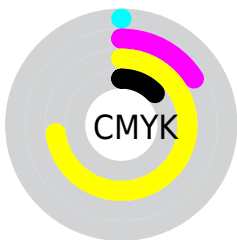
# Distribution



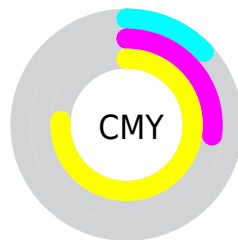
- Red (87%)
- Green (73%)
- Blue (24%)



- Red (42%)
- Yellow (87%)
- Blue (24%)



- Cyan (0%)
- Magenta (16%)
- Yellow (73%)
- Black (13%)



- Cyan (13%)
- Magenta (27%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DEBB3D 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 DEBB3D by changing the saturation by 10% instead.



 DEBB3D

 DEBB3D

FFFFFF

 C0A01E

 FFF374

 A38600

 FFFF90

 866D00

 FFFFAB

 6A5500

 FFFFC8

 4F3E00

 FFFF E5

 342900

 1C1500

 000000

 DEBB3D

 DEBB3D

 DEB627

 DEC053

 DEB111

 DEC569

 DEAE00

 DEC980

 DECE96

 DED3AC

 DED8C2

 DEDDD8

 DEE2EF

 DEE6FF

# Harmonies

## Analogous

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



FFA455



DEBB3D



A1CC4F

# Triad

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



DEBB3D



00DAF9



FF95FA

# Complementary

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



DEBB3D



3D60DE

# 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.



C0AEFF



DEBB3D



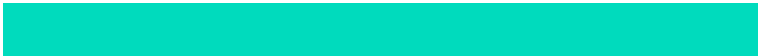
00D3FF

# Square

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



DEBB3D



00DBBD



29C4FF



FF88C0

# Rectangle

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



DEBB3D



6FD46D



29C4FF



F49DFF



# Sweetspot

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



DEBB3D



FFF3C7



DE3D63



80785E



000000



808080



# Same Dimension

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



DEBB3D



FFCF21



B3DE3D



706E65



B08A00



302600



# Inverse Universe

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



3D60DE



2151FF



683DDE



656770



0026B0



000B30



# Previews

## White Background



This preview shows how the Hex color DEBB3D looks on a white background.

## Color Contrast Check

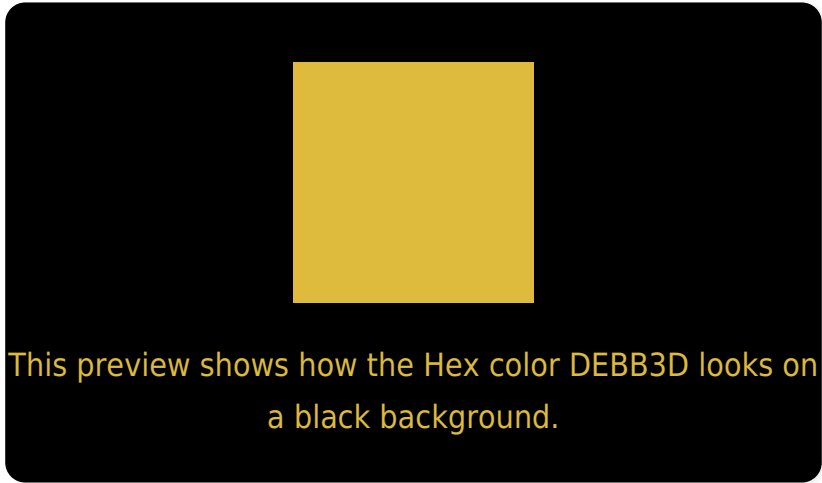
Large Text (above 18pt) WCAG AA × Fail

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 DEBB3D Background



This preview shows how black text looks on a background with the Hex color DEBB3D.



This preview shows how white text looks on a background with the Hex color DEBB3D.

# 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**  
DEBB3D

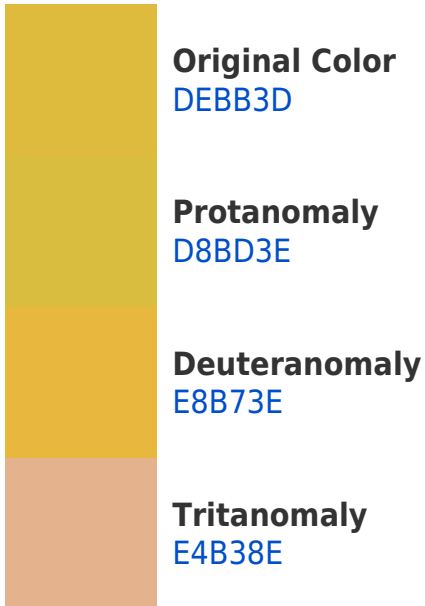
**Protanopia**  
D5BE3E

**Deuteranopia**  
EEB43F



**Tritanopia**  
E7AFBC

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex DEBB3D 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 #DEBB3D looks like.

```
.text, #text, p{  
    color:#DEBB3D  
}
```

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 #DEBB3D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DEBB3D
}
```

## Border

The CSS property to change the border of an element to Hex DEBB3D 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
#DEBB3D }
```

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

```
.border{ border-color:#DEBB3D }
```

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

Here you see how a box with a 4 pixel #DEBB3D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DEBB3D; -webkit-box-shadow:4px 4px  
4px 4px #DEBB3D; box-shadow:4px 4px 4px  
4px #DEBB3D }
```

# Background

The CSS property to change the background color of an element to Hex DEBB3D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DEBB3D }
```

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

```
.background{ background-color:#DEBB3D }
```

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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