

# Converting Colors

Hex(DEEB33)

Have a look what the booklet for  
Hex(DEEB33) contains.

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**Color**

**Hex(DEEB33)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DEEB33
RGB	222, 235, 51
RGB Percent	87%, 92%, 20%
CMY	0.1294, 0.0784, 0.8000
CMYK	0.06, 0.00, 0.78, 0.08
HSL	64°, 82%, 56%
HSV	64°, 78%, 92%
XYZ	60.4301, 75.1853, 14.4592
YIQ	210.1370, 51.3160, -59.9800

# Conversions

## Conversions Part 2

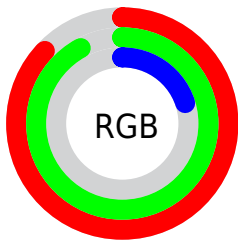
Format	Color
<b>RYB</b>	51, 235, 64
Decimal	14609203
CIELab	89.48, -24.71, 79.82
CIELCh	89, 83.563, 107.202
Yxy	75.1853, 0.4027, 0.5010
Android (android.graphics.Color)	4292799283 (0xFFDEEB33)
YUV	210.1370, -78.4545, 10.4039
Hunter-Lab	86.7094, -27.3402, 50.8097

# Details

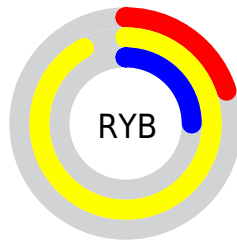
The Hex color **DEEB33** is a light color, and the websafe version is hex **FFFF33**. The color can be described as light washed yellow. A complement of this color would be **4033EB**, and the grayscale version is **D3D3D3**.

A 20% lighter version of the original color is **FFFF71**, and **A3B300** is the 20% darker color. If you saturate the color by 10%, you get **DCEB1B**, and if you desaturate by 10%, it is **E0EB4B**.

# Distribution



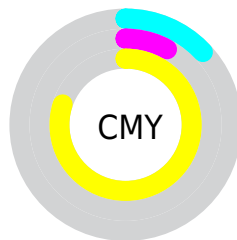
- Red (87%)
- Green (92%)
- Blue (20%)



- Red (20%)
- Yellow (92%)
- Blue (25%)



- Cyan (6%)
- Magenta (0%)
- Yellow (78%)
- Black (8%)



- Cyan (13%)
- Magenta (8%)
- Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DEEB33 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 DEEB33 by changing the saturation by 10% instead.



 DEEB33

 DEEB33

FFFFFF

 C0CF00

 FFFF71

 A3B300

 FFFF8E

 869900

 FFFFAB

 697F00

 FFFFC9

 4D6600

 FFFF E6

 314E00

 163700

 002200

 000000

 DEEB33

 DEEB33

 DCEB1B

 E0EB4B

 DBEB04

 E1EB62

 DAEB00

 E3EB7A

 E5EB91

 E6EBA9

 E8EBC0

 EAEBD8

 EBEBEF

 EDEBFF

# Harmonies

## Analogous

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



FFD136



DEEB33



7FFC6D

# Triad

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



DEEB33



00FFFF



FF99FF

# Complementary

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



DEEB33



4033EB

# 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.



FFB7FF



DEEB33



00F4FF

# Square

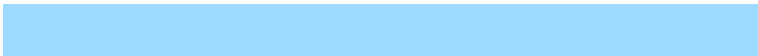
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



DEEB33



00FFFF



9EDAFF



FF97B6

# Rectangle

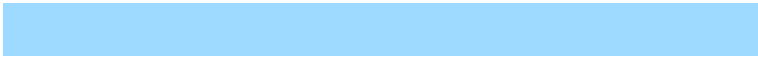
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



DEEB33



00FFA0



9EDAFF



FFA1FF



# Sweetspot

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



DEEB33



FBFFC4



EB3F33



7D805C



000000



808080



# Same Dimension

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



DEEB33



EEFF0F



83EB33



74756A



A8B500



323600



# Inverse Universe

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



4033EB



200FFF



9B33EB



6A6A75



0D00B5

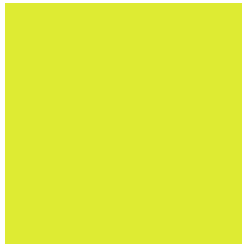


040036



# Previews

## White Background



This preview shows how the Hex color DEEB33 looks on a white background.

## Color Contrast Check

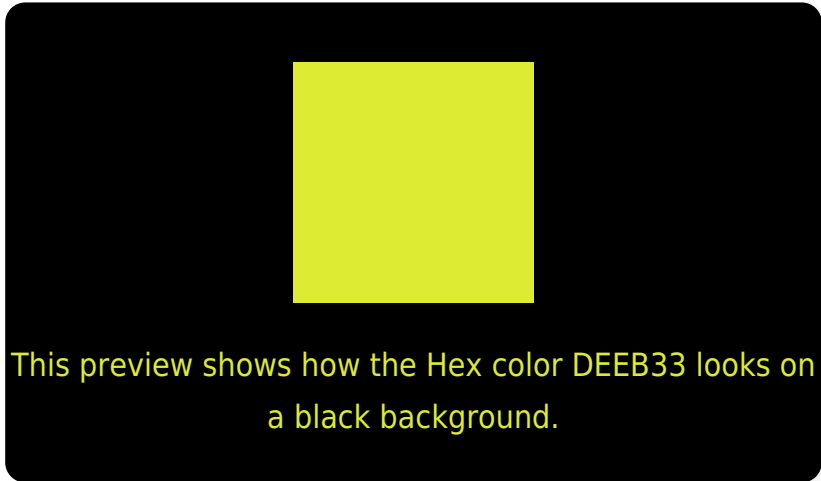
Large Text (above 18pt) WCAG AA × Fail

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 DEEB33 Background



This preview shows how black text looks on a background with the Hex color DEEB33.

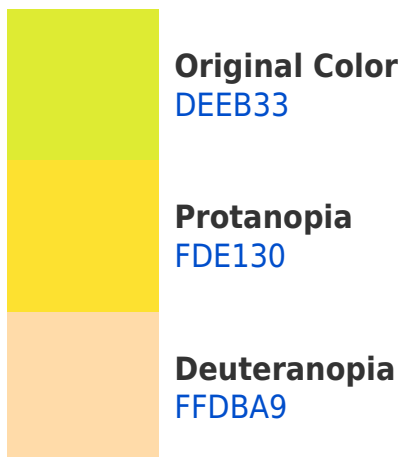


This preview shows how white text looks on a background with the Hex color DEEB33.

# Color Blindness Simulation

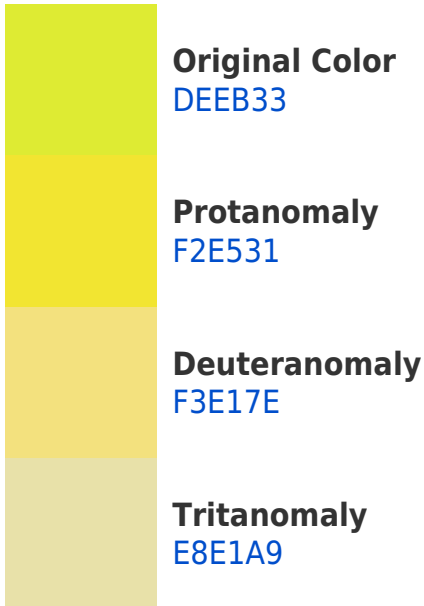
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex DEEB33 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 #DEEB33 looks like.

```
.text, #text, p{  
    color:#DEEB33  
}
```

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 #DEEB33 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DEEB33  
}
```

## Border

The CSS property to change the border of an element to Hex DEEB33 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  
#DEEB33 }
```

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

```
.border{ border-color:#DEEB33 }
```

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

Here you see how a box with a 4 pixel #DEEB33 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DEEB33; -webkit-box-shadow:4px 4px  
4px 4px #DEEB33; box-shadow:4px 4px 4px  
4px #DEEB33 }
```

# Background

The CSS property to change the background color of an element to Hex DEEB33 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DEEB33 }
```

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

```
.background{ background-color:#DEEB33 }
```

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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