

Converting Colors

Hex(DEC38B)

Have a look what the booklet for
Hex(DEC38B) contains.

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Color

Hex(DEC38B)

Conversions

Conversions Part 1

Format	Color
Hex	DEC38B
RGB	222, 195, 139
RGB Percent	87%, 76%, 55%
CMY	0.1294, 0.2353, 0.4549
CMYK	0.00, 0.12, 0.37, 0.13
HSL	40°, 56%, 71%
HSV	40°, 37%, 87%
XYZ	54.2995, 56.4239, 32.4551
YIQ	196.6890, 34.0680, -11.6920

Conversions

Conversions Part 2

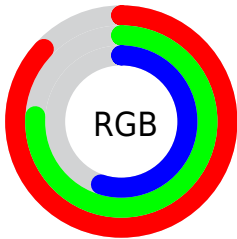
Format	Color
RYB	179, 222, 139
Decimal	14599051
CIELab	79.85, 1.71, 31.67
CIELCh	80, 31.713, 86.901
Yxy	56.4239, 0.3792, 0.3941
Android (android.graphics.Color)	4292789131 (0xFFDEC38B)
YUV	196.6890, -28.4407, 22.1977
Hunter-Lab	75.1158, -2.4192, 26.9638

Details

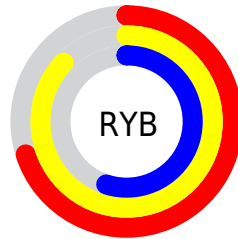
The Hex color **DEC38B** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **8BA6DE**, and the grayscale version is **C5C5C5**.

A 20% lighter version of the original color is **FFFBC1**, and **A68E58** is the 20% darker color. If you saturate the color by 10%, you get **DEBC75**, and if you desaturate by 10%, it is **DECAA1**.

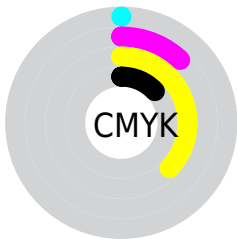
Distribution



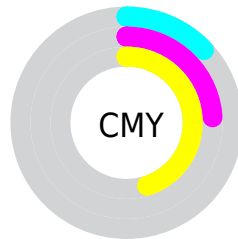
- Red (87%)
- Green (76%)
- Blue (55%)



- Red (70%)
- Yellow (87%)
- Blue (55%)



- Cyan (0%)
- Magenta (12%)
- Yellow (37%)
- Black (13%)



- Cyan (13%)
- Magenta (24%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color DEC38B 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 DEC38B by changing the saturation by 10% instead.

 DEC38B

 DEC38B

FFFFFF

 C1A871

 FFFBC1

 A68E58

 FFFFDD

 8A7440

 FFFFFA

 705C29

 564412

 3E2E00

 251A00

 030000

 000000

 DEC38B

 DEC38B

 DEBC75

 DECAA1

 DEB55F

 DED1B7

 DEAD48

 DED9CE

 DEA632

 DEE0E4

 DE9F1C

 DEE7FA

 DE9806

 DEEEFF

 DE9600

 DEF6FF

 DEFDFE

 DEFFFF

Harmonies

Analogous

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



F5B995



DEC38B



BFCC91

Triad

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



DEC38B



6AD6E0



E9B6E7

Complementary

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



DEC38B



8BA6DE

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.



C6BFFB



DEC38B



76D2F7

Square

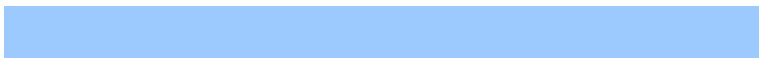
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



DEC38B



7DD6C2



9CCAFF



FDB0CA

Rectangle

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



DEC38B



A8D19D



9CCAFF



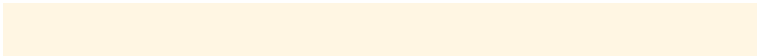
DFB9EF

Sweetspot

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



DEC38B



FFF6E3



DE8BA7



807A6F



000000



808080

Same Dimension

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



DEC38B



FFDA8C



D0DE8B



706D65



B07700



302100

Inverse Universe

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



8BA6DE



8CB2FF



998BDE



656970



0039B0



001030

Previews

White Background



This preview shows how the Hex color DEC38B looks on a white background.

Color Contrast Check

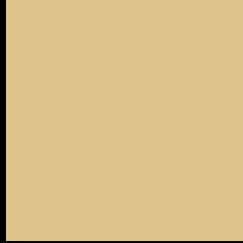
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color DEC38B looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

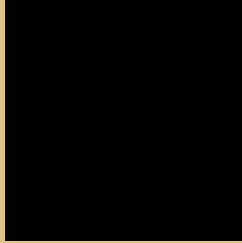
Any Text WCAG AA ✓ Pass

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 DEC38B Background



This preview shows how black text looks on a background with the Hex color DEC38B.



This preview shows how white text looks on a background with the Hex color DEC38B.

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](#).

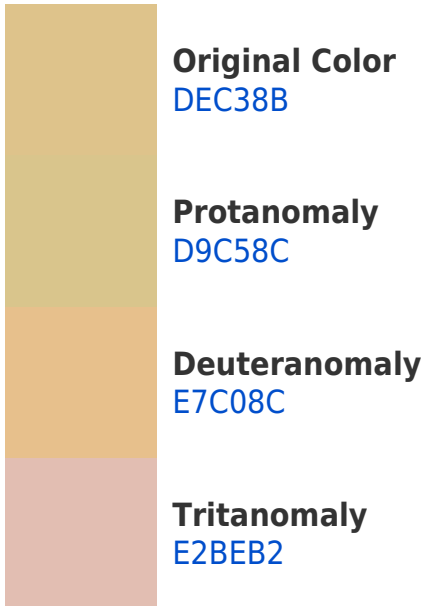
Dichromacy





Tritanopia
E5BBC9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DEC38B 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 #DEC38B looks like.

```
.text, #text, p{  
    color:#DEC38B  
}
```

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 #DEC38B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DEC38B
}
```

Border

The CSS property to change the border of an element to Hex DEC38B 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
#DEC38B }
```

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

```
.border{ border-color:#DEC38B }
```

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

Here you see how a box with a 4 pixel #DEC38B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DEC38B; -webkit-box-shadow:4px 4px  
4px 4px #DEC38B; box-shadow:4px 4px 4px  
4px #DEC38B }
```

Background

The CSS property to change the background color of an element to Hex DEC38B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DEC38B }
```

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

```
.background{ background-color:#DEC38B }
```

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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