

# Converting Colors

Hex(DEC6BF)

Have a look what the booklet for  
Hex(DEC6BF) contains.

<b>Hex(DEC6BF)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(DEC6BF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DEC6BF
RGB	222, 198, 191
RGB Percent	87%, 78%, 75%
CMY	0.1294, 0.2235, 0.2510
CMYK	0.00, 0.11, 0.14, 0.13
HSL	14°, 32%, 81%
HSV	14°, 14%, 87%
XYZ	59.7223, 59.6794, 57.6618
YIQ	204.3780, 16.5510, 2.9110

# Conversions

## Conversions Part 2

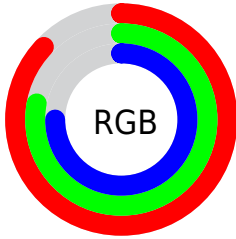
Format	Color
R <sub>Y</sub> B	222, 200, 191
Decimal	14599871
CIE Lab	81.66, 7.29, 6.58
CIE LCh	82, 9.818, 42.044
Yxy	59.6794, 0.3373, 0.3371
Android (android.graphics.Color)	4292789951 (0xFFDEC6BF)
YUV	204.3780, -6.5954, 15.4545
Hunter-Lab	77.2524, 2.8030, 9.8222

# Details

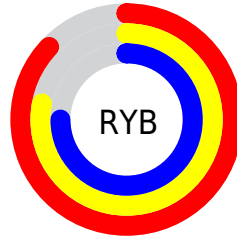
The Hex color **DEC6BF** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **BFD7DE**, and the grayscale version is **CCCCCC**.

A 20% lighter version of the original color is **FFFFF7**, and **A7908A** is the 20% darker color. If you saturate the color by 10%, you get **DEB5A9**, and if you desaturate by 10%, it is **DED7D5**.

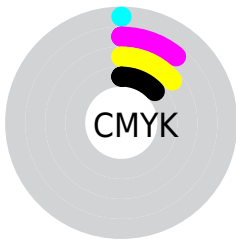
# Distribution



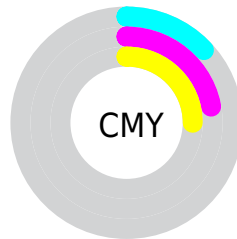
- Red (87%)
- Green (78%)
- Blue (75%)



- Red (87%)
- Yellow (78%)
- Blue (75%)



- Cyan (0%)
- Magenta (11%)
- Yellow (14%)
- Black (13%)



- Cyan (13%)
- Magenta (22%)
- Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DEC6BF 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 DEC6BF by changing the saturation by 10% instead.



 DEC6BF

FFFFFFF

 FFFFFF7

 DEC6BF

 C2ABA4

 A7908A

 8C7770

 725E58

 5A4641

 42302B

 2B1B16

 170000

 000000

 DEC6BF

 DEC6BF

 DEB5A9

 DED7D5

 DEA493

 DEE8EB

 DE927C

 DEFAFF

 DE8166

 DEFFFF

 DE7050

 DE5F3A

 DE4E24

 DE3D0D

 DE3200

# Harmonies

## Analogous

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



DFC5C7



DEC6BF



D8C8BA

# Triad

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



DEC6BF



BBD0C5



C6CADD

# Complementary

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



DEC6BF



BFD7DE

# 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.



BCCDDC



DEC6BF



B5D1CE

# Square

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



DEC6BF



C4CEBD



B5D0D7



D1C7D9

# Rectangle

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



DEC6BF



D2CAB9



B5D0D7



C2CBDD

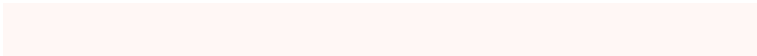


# Sweetspot

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



DEC6BF



FFF7F5



DEBFD7



807B79



000000



808080

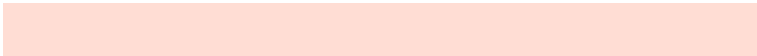


# Same Dimension

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



DEC6BF



FFDDD4



DED5BF



706865



B02800



300B00

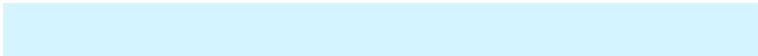


# Inverse Universe

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



BFD7DE



D4F5FF



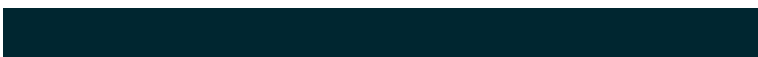
BFC8DE



656E70



0088B0



002630



# Previews

## White Background



This preview shows how the Hex color DEC6BF looks on a white background.

## Color Contrast Check

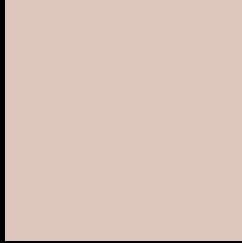
Large Text (above 18pt) WCAG AA × Fail

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 DEC6BF looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

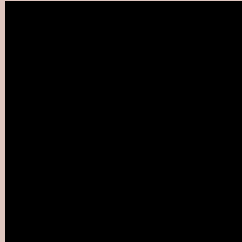
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex DEC6BF Background



This preview shows how black text looks on a background with the Hex color DEC6BF.



This preview shows how white text looks on a background with the Hex color DEC6BF.

# 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**  
DEC6BF

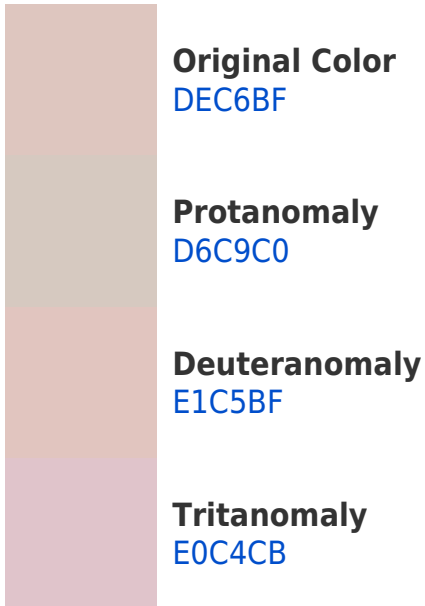
**Protanopia**  
D1CAC1

**Deuteranopia**  
E3C4BF

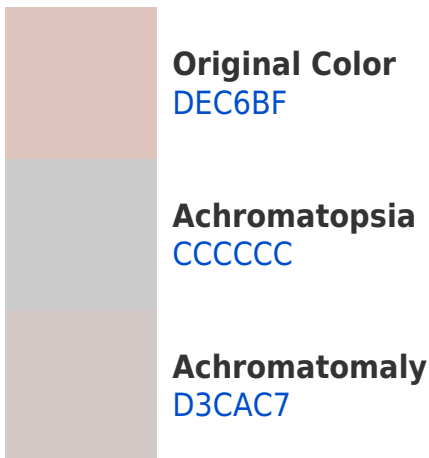


**Tritanopia**  
E1C3D2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex DEC6BF 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 #DEC6BF looks like.

```
.text, #text, p{  
    color:#DEC6BF  
}
```

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 #DEC6BF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DEC6BF
}
```

## Border

The CSS property to change the border of an element to Hex DEC6BF 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
#DEC6BF }
```

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

```
.border{ border-color:#DEC6BF }
```

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

Here you see how a box with a 4 pixel #DEC6BF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DEC6BF; -webkit-box-shadow:4px 4px  
4px 4px #DEC6BF; box-shadow:4px 4px 4px  
4px #DEC6BF }
```

# Background

The CSS property to change the background color of an element to Hex DEC6BF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DEC6BF }
```

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

```
.background{ background-color:#DEC6BF }
```

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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