

# Converting Colors

Hex(EBDCD8)

Have a look what the booklet for  
Hex(EBDCD8) contains.

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# **Color**

**Hex(EBDCD8)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	EBDCD8
RGB	235, 220, 216
RGB Percent	92%, 86%, 85%
CMY	0.0784, 0.1373, 0.1529
CMYK	0.00, 0.06, 0.08, 0.08
HSL	13°, 32%, 88%
HSV	13°, 8%, 92%
XYZ	72.2488, 73.8064, 75.4039
YIQ	224.0290, 10.2240, 1.9360

# Conversions

## Conversions Part 2

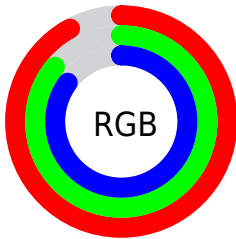
Format	Color
RYP	235, 221, 216
Decimal	15457496
CIELab	88.83, 4.46, 3.80
CIELCh	89, 5.858, 40.405
Yxy	73.8064, 0.3262, 0.3333
Android (android.graphics.Color)	4293647576 (0xFFEBDCD8)
YUV	224.0290, -3.9583, 9.6216
Hunter-Lab	85.9107, -0.2294, 8.0986

# Details

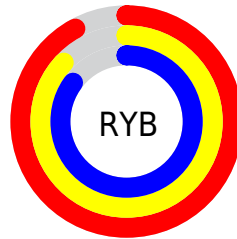
The Hex color **EBDCD8** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **D8E7EB**, and the grayscale version is **E0E0E0**.

A 20% lighter version of the original color is **FFFFFF**, and **B3A5A1** is the 20% darker color. If you saturate the color by 10%, you get **EBC9C1**, and if you desaturate by 10%, it is **EBEFF0**.

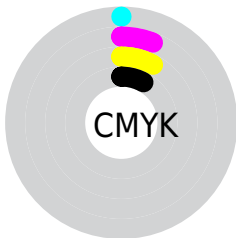
# Distribution



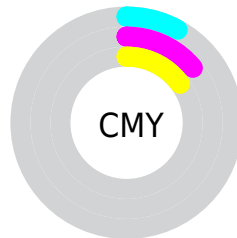
- Red (92%)
- Green (86%)
- Blue (85%)



- Red (92%)
- Yellow (87%)
- Blue (85%)



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



- Cyan (8%)
- Magenta (14%)
- Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Hex color EBDCD8 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 EBDCD8 by changing the saturation by 10% instead.



 EBDCD8

FFFFFF

 EBDCD8

 CFC0BC

 B3A5A1


 988B87

 7E716E

 655955

 4D413E

 362B28

 211714

 000000

 EBDCD8

 EBDCD8

 EBC9C1

 EBEFF0

 EBB7A9

 EBFFFF

 EBA492

 EB927A

 EB7F62

 EB6D4B

 EB5A34

 EB481C

 EB3504

# Harmonies

## Analogous

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



EBDBDD



EBDCD8



E8DDD5

# Triad

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



EBDCD8



D5E2DB



DCDFEA

# Complementary

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



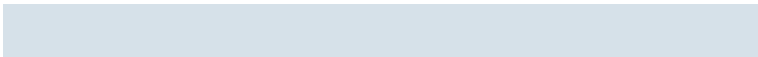
EBDCD8



D8E7EB

# 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.



D6E1E9



EBDCD8



D2E3E1

# Square

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



EBDCD8



DBE1D6



D2E2E6



E3DDE8

# Rectangle

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



EBD CD8



E4D FD4



D2E 2E6



DAD FE A



# Sweetspot

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



EBDCD8



FFBFBA



EBD8E7



807D7D



000000



808080

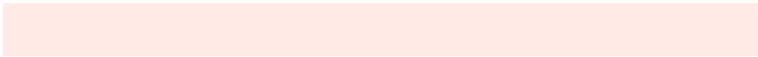


# Same Dimension

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



EBDCD8



FFEBE6



EBE5D8



756C6A



B52600



360B00

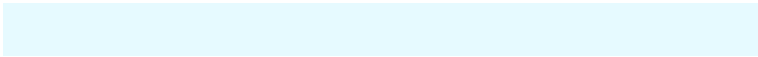


# Inverse Universe

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



D8E7EB



E6FAFF



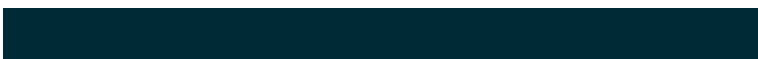
D8DEEB



6A7375



008FB5

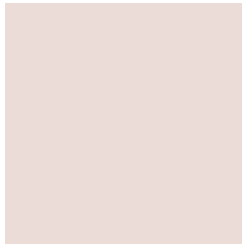


002A36



# Previews

## White Background



This preview shows how the Hex color EBDCD8 looks on a white background.

## Color Contrast Check

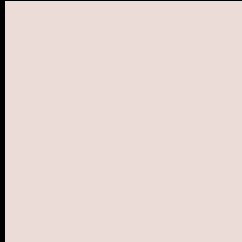
Large Text (above 18pt) WCAG AA × Fail

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 EBDCD8 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

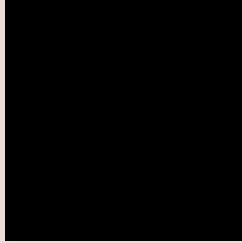
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

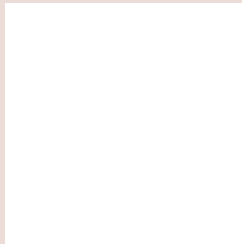
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex EBD8CD Background



This preview shows how black text looks on a background with the Hex color EBD8CD.

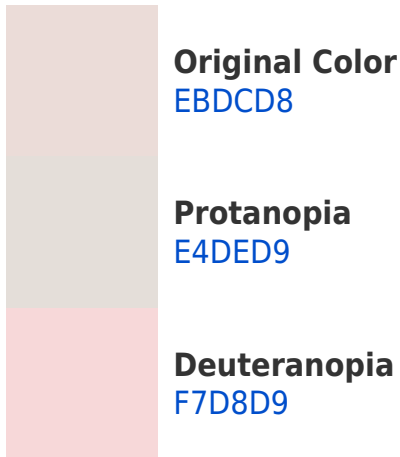


This preview shows how white text looks on a background with the Hex color EBD8CD.

# 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**  
EED9EA

# Trichromacy



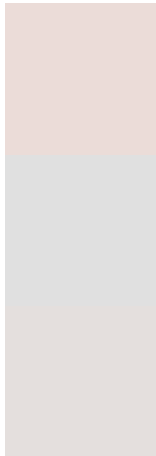
**Original Color**  
EBDCD8

**Protanomaly**  
E7DDD9

**Deuteranomaly**  
F3D9D9

**Tritanomaly**  
EDDAE3

# Monochromacy



**Original Color**  
EBDCD8

**Achromatopsia**  
E0E0E0

**Achromatomaly**  
E4DFDD

# CSS Examples

## Text

The CSS property to change the color of the text to Hex EBDCD8 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 #EBDCD8 looks like.

```
.text, #text, p{  
    color:#EBDCD8  
}
```

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 #EBDCD8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EBDCD8 }
}
```

## Border

The CSS property to change the border of an element to Hex EBDCD8 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 #EBDCD8 }
}
```

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

```
.border{ border-color:#EBDCD8 }
```

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

Here you see how a box with a 4 pixel #EBDCD8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EBDCD8; -webkit-box-shadow:4px 4px  
4px 4px #EBDCD8; box-shadow:4px 4px 4px  
4px #EBDCD8 }
```

# Background

The CSS property to change the background color of an element to Hex EBDCD8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EBDCD8 }
```

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

```
.background{ background-color:#EBDCD8 }
```

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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