

# Converting Colors

Hex(F0DDB8)

Have a look what the booklet for  
Hex(F0DDB8) contains.

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# **Color**

**Hex(F0DDB8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F0DDB8
RGB	240, 221, 184
RGB Percent	94%, 87%, 72%
CMY	0.0588, 0.1333, 0.2784
CMYK	0.00, 0.08, 0.23, 0.06
HSL	40°, 65%, 83%
HSV	40°, 23%, 94%
XYZ	70.4434, 73.6989, 55.8599
YIQ	222.4630, 23.2010, -7.4790

# Conversions

## Conversions Part 2

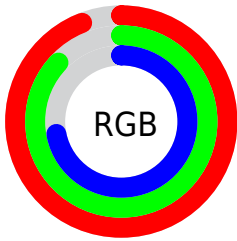
Format	Color
R <sub>Y</sub> B	213, 240, 184
Decimal	15785400
CIE Lab	88.78, 0.85, 20.55
CIE LCh	89, 20.566, 87.640
Yxy	73.6989, 0.3522, 0.3685
Android (android.graphics.Color)	4293975480 (0xFFF0DDB8)
YUV	222.4630, -18.9623, 15.3799
Hunter-Lab	85.8480, -3.7643, 21.5146

# Details

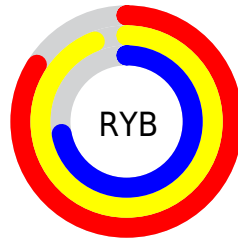
The Hex color **F0DDB8** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **B8CBF0**, and the grayscale version is **DFDFDF**.

A 20% lighter version of the original color is **FFFFFF0**, and **B7A683** is the 20% darker color. If you saturate the color by 10%, you get **F0D5A0**, and if you desaturate by 10%, it is **F0E5D0**.

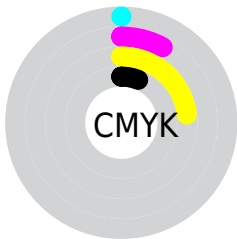
# Distribution



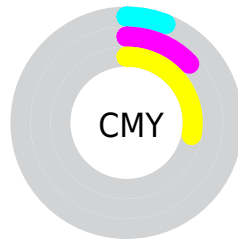
- Red (94%)
- Green (87%)
- Blue (72%)



- Red (84%)
- Yellow (94%)
- Blue (72%)



- Cyan (0%)
- Magenta (8%)
- Yellow (23%)
- Black (6%)



- Cyan (6%)
- Magenta (13%)
- Yellow (28%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F0DDB8 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 F0DDB8 by changing the saturation by 10% instead.



 F0DDB8

FFFFFFF

 FFFFFFF0

 F0DDB8

 D3C19D

 B7A683

 9C8C6A

 827251

 685A3A

 4F4224

 382C0F

 221800

 000000

 F0DDB8

 F0DDB8

 F0D5A0

 F0E5D0

 F0CD88

 F0EDE8

 F0C570

 F0F5FF

 F0BC58

 F0FEFF

 F0B440

 F0FFFF

 F0AC28

 F0A410

 F09F00

# Harmonies

## Analogous

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



FFD7BE



F0DDB8



DBE3BC

# Triad

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



F0DDB8



ABEAF0



F7D5F4

# Complementary

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



F0DDB8



B8CBF0

# Split Complementary

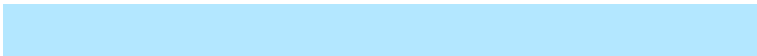
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



E1DAFF



F0DDB8



B3E7FF

# Square

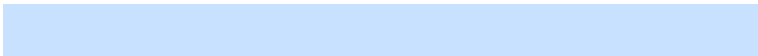
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



F0DDB8



B2EADD



C7E1FF



FFD1E1

# Rectangle

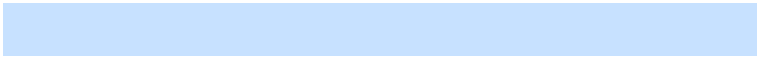
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



F0DDB8



CCE7C4



C7E1FF



F0D6F9

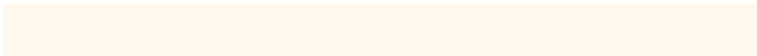


# Sweetspot

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



F0DDB8



FFF9ED



F0B8CC



807C75



000000



808080



# Same Dimension

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



F0DDB8



FFE7B8



E8F0B8



78746C



B87900



382500



# Inverse Universe

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



B8CBF0



B8D0FF



C0B8F0



6C7078



003EB8



001338



# Previews

## White Background



This preview shows how the Hex color F0DDB8 looks on a white background.

## Color Contrast Check

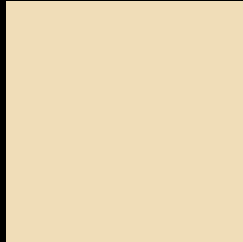
Large Text (above 18pt) WCAG AA × Fail

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 F0DDB8 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

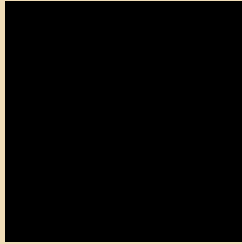
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex F0DDB8 Background



This preview shows how black text looks on a background with the Hex color F0DDB8.

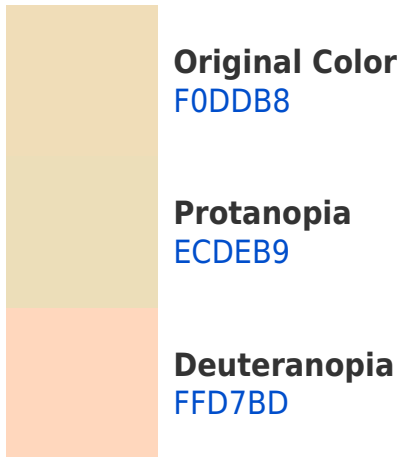


This preview shows how white text looks on a background with the Hex color F0DDB8.

# 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**  
F6D6E7

# Trichromacy



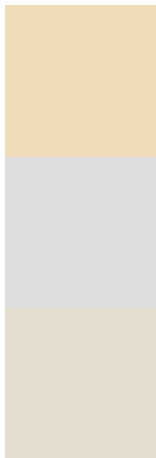
**Original Color**  
F0DDB8

**Protanomaly**  
EDDEB9

**Deuteranomaly**  
FAD9BB

**Tritanomaly**  
F4D9D6

# Monochromacy



**Original Color**  
F0DDB8

**Achromatopsia**  
DEDEDE

**Achromatomaly**  
E5DED0

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F0DDB8 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 #F0DDB8 looks like.

```
.text, #text, p{  
    color:#F0DDB8  
}
```

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 #F0DDB8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F0DDB8
}
```

## Border

The CSS property to change the border of an element to Hex F0DDB8 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
#F0DDB8 }
```

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

```
.border{ border-color:#F0DDB8 }
```

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

Here you see how a box with a 4 pixel #F0DDB8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F0DDB8; -webkit-box-shadow:4px 4px  
4px 4px #F0DDB8; box-shadow:4px 4px 4px  
4px #F0DDB8 }
```

# Background

The CSS property to change the background color of an element to Hex F0DDB8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F0DDB8 }
```

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

```
.background{ background-color:#F0DDB8 }
```

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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