

# Converting Colors

RGB(248, 232, 199)

Have a look what the booklet for  
RGB(248, 232, 199) contains.

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# **Color**

**RGB(248, 232, 199)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F8E8C7
RGB	248, 232, 199
RGB Percent	97%, 91%, 78%
CMY	0.0275, 0.0902, 0.2196
CMYK	0.00, 0.06, 0.20, 0.03
HSL	40°, 78%, 88%
HSV	40°, 20%, 97%
XYZ	77.8768, 81.7932, 65.7159
YIQ	233.0220, 20.1290, -6.8710

# Conversions

## Conversions Part 2

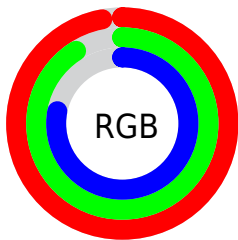
Format	Color
R <sub>Y</sub> B	223, 248, 199
Decimal	16312519
CIE Lab	92.48, 0.27, 18.02
CIE LCh	92, 18.024, 89.141
Yxy	81.7932, 0.3455, 0.3629
Android (android.graphics.Color)	4294502599 (0xFFFF8E8C7)
YUV	233.0220, -16.7728, 13.1357
Hunter-Lab	90.4396, -4.5644, 20.2259

# Details

The RGB color **248, 232, 199** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **199, 215, 248**, and the grayscale version is **233, 233, 233**.

A 20% lighter version of the original color is 255, 255, 255, and **191, 176, 145** is the 20% darker color. If you saturate the color by 10%, you get **248, 224, 174**, and if you desaturate by 10%, it is **248, 240, 224**.

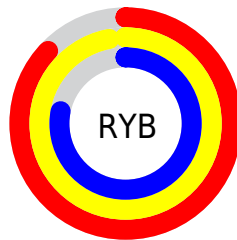
# Distribution



Red (97%)

Green (91%)

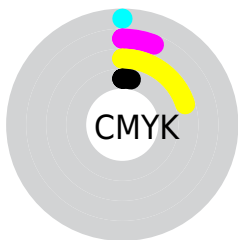
Blue (78%)



Red (87%)

Yellow (97%)

Blue (78%)

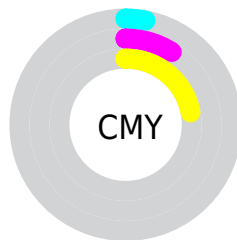


Cyan (0%)

Magenta (6%)

Yellow (20%)

Black (3%)



Cyan (3%)

Magenta (9%)

Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the RGB color 248, 232, 199 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 RGB color 248, 232, 199 by changing the saturation by 10% instead.



■ 248, 232, 199

255, 255, 255

■ 248, 232, 199

■ 219, 204, 172

■ 191, 176, 145

■ 164, 150, 119

■ 137, 124, 94

■ 111, 99, 71

■ 87, 75, 48

■ 63, 53, 27

■ 41, 32, 1

■ 14, 8, 0

 248, 232, 199

 248, 232, 199

 248, 224, 174

 248, 240, 224


 248, 216, 149


 248, 248, 249


 248, 208, 125

 248, 255, 255

 248, 200, 100

 248, 192, 75

 248, 183, 50

 248, 175, 25

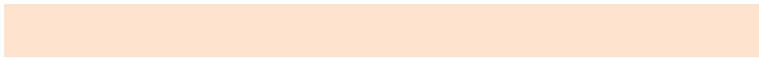
 248, 167, 1

 248, 167, 0

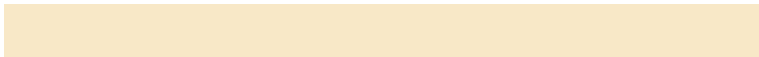
# Harmonies

## Analogous

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



255, 226, 204



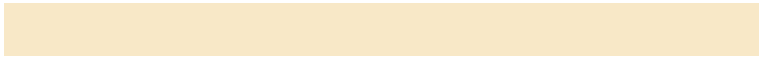
248, 232, 199



229, 238, 203

# Triad

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



248, 232, 199



189, 243, 250



255, 224, 251

# Complementary

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



248, 232, 199



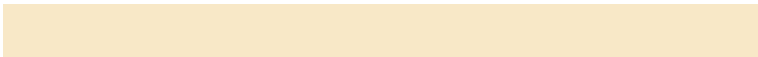
199, 215, 248

# Split Complementary

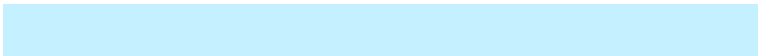
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



236, 229, 255



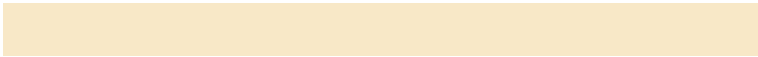
248, 232, 199



196, 240, 255

# Square

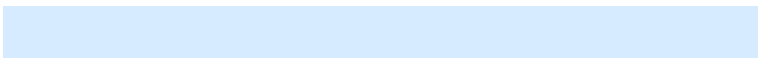
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



248, 232, 199



194, 244, 232



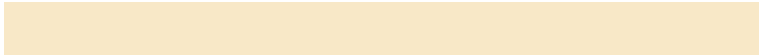
214, 235, 255



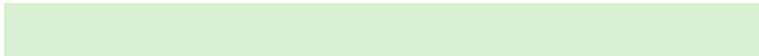
255, 222, 235

# Rectangle

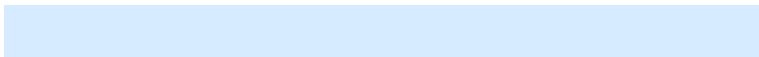
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



248, 232, 199



215, 240, 210



214, 235, 255

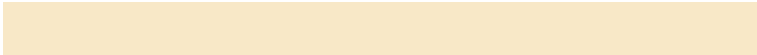


250, 226, 255

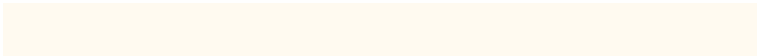


# Sweetspot

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



248, 232, 199



255, 250, 240



248, 199, 215



128, 125, 119



0, 0, 0

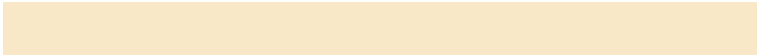


128, 128, 128



# Same Dimension

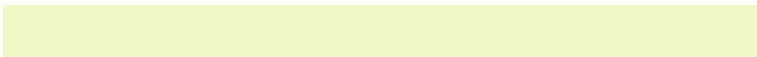
The Same Dimension uses a secret algorithm to generate beautiful new colors.



248, 232, 199



255, 235, 194



240, 248, 199



125, 121, 112



189, 127, 0



61, 41, 0



# Inverse Universe

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



199, 215, 248



194, 214, 255



207, 199, 248



112, 117, 125



0, 62, 189

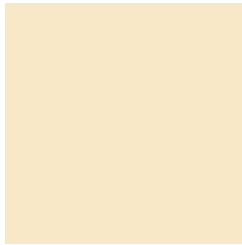


0, 20, 61



# Previews

## White Background



This preview shows how the RGB color 248, 232, 199 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 RGB color 248, 232, 199 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

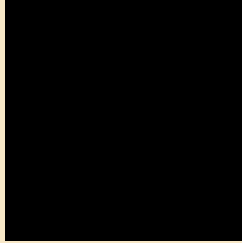
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## RGB 248, 232, 199 Background



This preview shows how black text looks on a background with the RGB color 248, 232, 199.

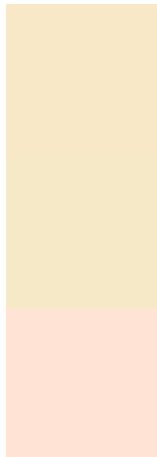


This preview shows how white text looks on a background with the RGB color 248, 232, 199.

# 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**  
248, 232, 199

**Protanopia**  
245, 233, 199

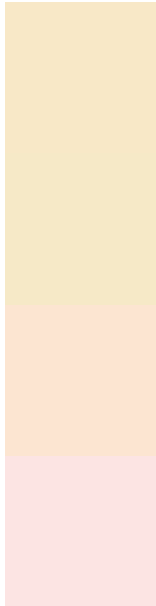
**Deuteranopia**  
255, 228, 214



# Tritanopia

254, 226, 243

# Trichromacy



**Original Color**

248, 232, 199

**Protanomaly**

246, 233, 199

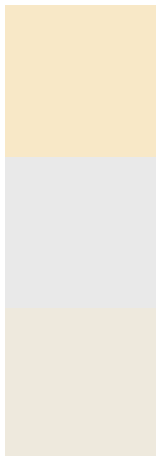
**Deuteranomaly**

252, 229, 209

**Tritanomaly**

252, 228, 227

# Monochromacy



**Original Color**

248, 232, 199

**Achromatopsia**

233, 233, 233

**Achromatomaly**

238, 233, 221

# CSS Examples

## Text

The CSS property to change the color of the text to RGB 248, 232, 199 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 `rgb(248, 232, 199)` looks like.

```
.text, #text, p{  
    color:rgb(248, 232, 199)  
}
```

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 rgb(248, 232, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 232, 199) }
```

## Border

The CSS property to change the border of an element to RGB 248, 232, 199 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 rgb(248, 232, 199) }
```

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

```
.border{ border-color:rgb(248, 232, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 232, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 232, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 232, 199);  
box-shadow:4px 4px 4px 4px rgb(248, 232,  
199) }
```

# Background

The CSS property to change the background color of an element to RGB 248, 232, 199 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 232, 199) }
```

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

```
.background{ background-color: rgb(248,  
232, 199) }
```

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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