

# Converting Colors

RGB(253, 249, 231)

Have a look what the booklet for  
RGB(253, 249, 231) contains.

<b>RGB(253, 249, 231)</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**

**RGB(253, 249, 231)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FDF9E7
RGB	253, 249, 231
RGB Percent	99%, 98%, 91%
CMY	0.0078, 0.0235, 0.0941
CMYK	0.00, 0.02, 0.09, 0.01
HSL	49°, 85%, 95%
HSV	49°, 9%, 99%
XYZ	88.8075, 94.4035, 89.1424
YIQ	248.1440, 8.1620, -4.7500

# Conversions

## Conversions Part 2

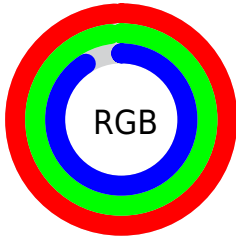
Format	Color
<a href="#">RYB</a>	<a href="#">236, 253, 231</a>
Decimal	<a href="#">16644583</a>
CIELab	<a href="#">97.79, -1.68, 9.10</a>
CIElCh	<a href="#">98, 9.253, 100.477</a>
Yxy	<a href="#">94.4035, 0.3261, 0.3466</a>
Android (android.graphics.Color)	<a href="#">4294834663</a> ( <a href="#">0xFFFD9E7</a> )
YUV	<a href="#">248.1440, -8.4520, 4.2587</a>
Hunter-Lab	<a href="#">97.1615, -6.8801, 13.6165</a>

# Details

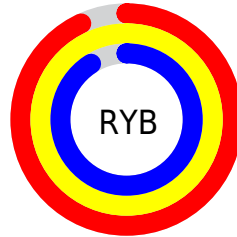
The RGB color 253, 249, 231 is a light color, and the websafe version is hex FFFFFF. A complement of this color would be 231, 235, 253, and the grayscale version is 248, 248, 248.

A 20% lighter version of the original color is 255, 255, 255, and 196, 193, 175 is the 20% darker color. If you saturate the color by 10%, you get 253, 244, 206, and if you desaturate by 10%, it is 253, 254, 255.

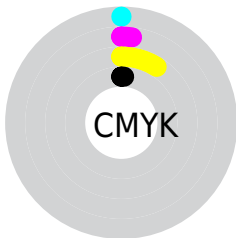
# Distribution



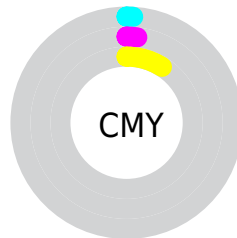
- Red (99%)
- Green (98%)
- Blue (91%)



- Red (93%)
- Yellow (99%)
- Blue (91%)



- Cyan (0%)
- Magenta (2%)
- Yellow (9%)
- Black (1%)



- Cyan (1%)
- Magenta (2%)
- Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the RGB color 253, 249, 231 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 253, 249, 231 by changing the saturation by 10% instead.



 253, 249, 231

255, 255, 255

 253, 249, 231

 224, 220, 203

 196, 193, 175

 169, 165, 149

 143, 139, 123

 117, 114, 98

 92, 89, 74

 69, 66, 52

 46, 44, 30

 26, 23, 6

 253, 249, 231

 253, 249, 231

 253, 244, 206

253, 254, 255


 253, 240, 180


253, 255, 255


 253, 235, 155

 253, 231, 130

 253, 226, 104

 253, 221, 79

 253, 217, 54

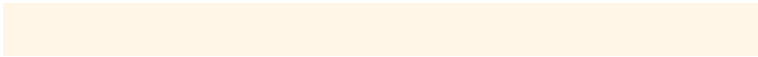
 253, 212, 29

 253, 208, 3

# Harmonies

## Analogous

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



255, 246, 232



253, 249, 231



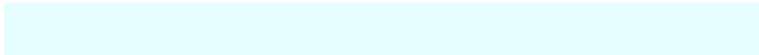
242, 252, 235

# Triad

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



253, 249, 231



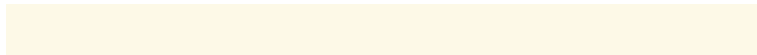
228, 253, 255



255, 243, 255

# Complementary

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



253, 249, 231



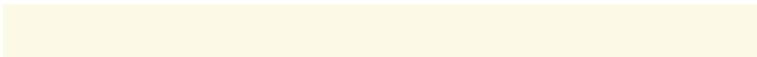
231, 235, 253

# Split Complementary

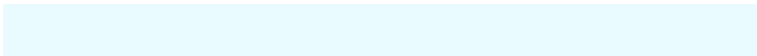
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



254, 245, 255



253, 249, 231



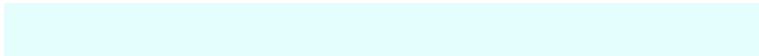
233, 251, 255

# Square

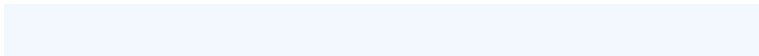
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



253, 249, 231



227, 254, 252



243, 248, 255



255, 243, 246

# Rectangle

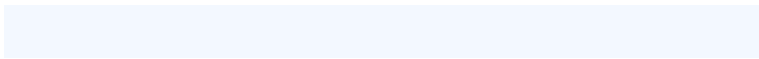
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



253, 249, 231



236, 253, 240



243, 248, 255



255, 244, 255



# Sweetspot

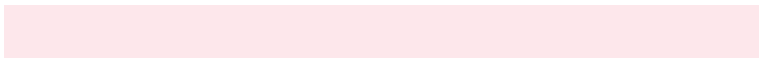
The Sweet Spot groups the original color and five complimentary colors.



253, 249, 231



255, 254, 247



253, 231, 235



128, 127, 122



0, 0, 0



128, 128, 128



# Same Dimension

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



253, 249, 231



255, 250, 230



246, 253, 231



128, 125, 115



191, 156, 0



64, 52, 0



# Inverse Universe

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



231, 235, 253



230, 234, 255



238, 231, 253



115, 117, 128



0, 35, 191

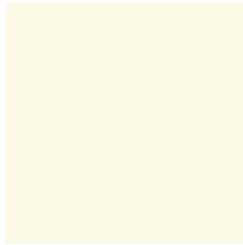


0, 12, 64



# Previews

## White Background



This preview shows how the RGB color 253, 249, 231 looks on a white background.

## Color Contrast Check

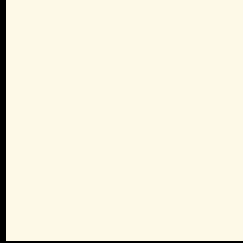
Large Text (above 18pt) WCAG AA × Fail

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 253, 249, 231 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

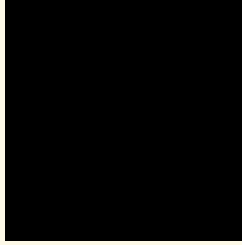
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## RGB 253, 249, 231 Background



This preview shows how black text looks on a background with the RGB color 253, 249, 231.



This preview shows how white text looks on a background with the RGB color 253, 249, 231.

# 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**  
253, 249, 231

**Protanopia**  
255, 248, 235

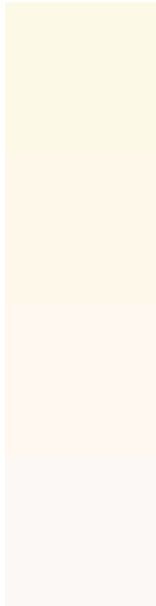
**Deuteranopia**  
255, 247, 246



# Tritanopia

252, 247, 255

# Trichromacy



## Original Color

253, 249, 231

## Protanomaly

254, 248, 234

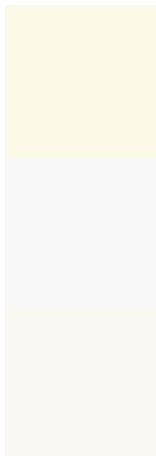
## Deuteranomaly

254, 248, 241

## Tritanomaly

252, 248, 246

# Monochromacy



## Original Color

253, 249, 231

## Achromatopsia

248, 248, 248

## Achromatomaly

250, 248, 242

# CSS Examples

## Text

The CSS property to change the color of the text to RGB 253, 249, 231 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(253, 249, 231)` looks like.

```
.text, #text, p{  
    color:rgb(253, 249, 231)  
}
```

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(253, 249, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 249, 231) }
```

## Border

The CSS property to change the border of an element to RGB 253, 249, 231 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(253, 249, 231) }
```

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

```
.border{ border-color:rgb(253, 249, 231) }
```

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

Here you see how a box with a 4 pixel rgb(253, 249, 231) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 249, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 249, 231);  
box-shadow:4px 4px 4px 4px rgb(253, 249,  
231) }
```

# Background

The CSS property to change the background color of an element to RGB 253, 249, 231 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 249, 231) }
```

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

```
.background{ background-color: rgb(253,  
249, 231) }
```

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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