

# Converting Colors

RGB(253, 255, 251)

Have a look what the booklet for  
RGB(253, 255, 251) contains.

<b>RGB(253, 255, 251)</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> .....	22
<i><b>Color Blindness Simulation</b></i> .....	25
<i><b>CSS Examples</b></i> .....	28

# **Color**

**RGB(253, 255, 251)**

# Conversions

## Conversions Part 1

Format	Color
Hex	<code>FDFFFB</code>
RGB	<code>253, 255, 251</code>
RGB Percent	<code>99%, 100%, 98%</code>
CMY	<code>0.0078, 0.0000, 0.0157</code>
CMYK	<code>0.01, 0.00, 0.02, 0.00</code>
HSL	<code>90°, 100%, 99%</code>
HSV	<code>90°, 2%, 100%</code>
XYZ	<code>93.6806, 99.3677, 105.5092</code>
YIQ	<code>253.9460, 0.0920, -1.6680</code>

# Conversions

## Conversions Part 2

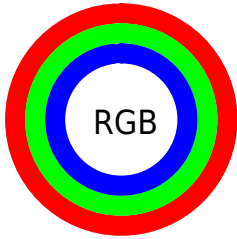
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	251, 255, 253
Decimal	16646139
CIE <sub>Lab</sub>	99.75, -1.35, 1.66
CIE <sub>LCh</sub>	100, 2.144, 129.067
Yxy	99.3677, 0.3138, 0.3328
Android (android.graphics.Color)	4294836219 (0xFFFDFFFB)
YUV	253.9460, -1.4524, -0.8296
Hunter-Lab	99.6833, -6.6948, 7.0232

# Details

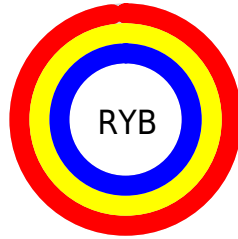
The RGB color 253, 255, 251 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 253, 251, 255, and the grayscale version is 254, 254, 254.

A 20% lighter version of the original color is 255, 255, 255, and 196, 198, 195 is the 20% darker color. If you saturate the color by 10%, you get 240, 255, 226, and if you desaturate by 10%, it is 255, 255, 255.

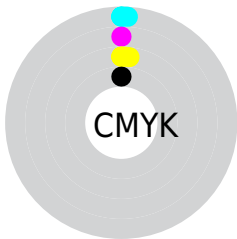
# Distribution



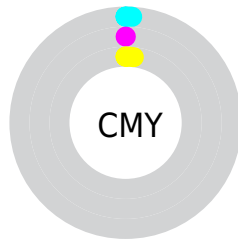
- Red (99%)
- Green (100%)
- Blue (98%)



- Red (98%)
- Yellow (100%)
- Blue (99%)



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



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

# Brightness & Saturation Gradients

These gradients show how the RGB color 253, 255, 251 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, 255, 251 by changing the saturation by 10% instead.



 253, 255, 251

 253, 255, 251


255, 255, 255

 224, 226, 222

 196, 198, 195

 169, 171, 167

 143, 145, 141

 117, 119, 115

 93, 94, 91

 69, 71, 67

 47, 48, 45

 26, 27, 25

253, 255, 251

253, 255, 251

240, 255, 226

255, 255, 255

228, 255, 200

215, 255, 175

202, 255, 149

189, 255, 123

177, 255, 98

164, 255, 72

151, 255, 47

138, 255, 21

# Harmonies

## Analogous

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



255, 254, 250



253, 255, 251



251, 255, 253

# Triad

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

253, 255, 251

251, 255, 255

255, 253, 254

# Complementary

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



253, 255, 251



253, 251, 255

# 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.



255, 253, 255

253, 255, 251

253, 254, 255

# Square

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



253, 255, 251



250, 255, 255

255, 254, 255



255, 253, 252

# Rectangle

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



253, 255, 251



250, 255, 254

255, 254, 255



255, 253, 254



# Sweetspot

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



253, 255, 251

255, 255, 255



255, 253, 251



128, 128, 128



0, 0, 0

# Same Dimension

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



253, 255, 251



252, 255, 250



251, 255, 251



126, 128, 125



96, 191, 0



32, 64, 0



# Inverse Universe

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



253, 251, 255



252, 250, 255



255, 251, 255



126, 125, 128



96, 0, 191



32, 0, 64



# Previews

## White Background



This preview shows how the RGB color 253, 255, 251 looks on a white background.

## Color Contrast Check

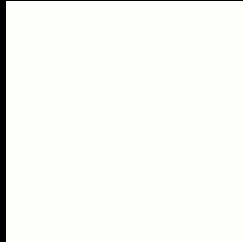
Large Text (above 18pt) WCAG AA × Fail

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, 255, 251 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

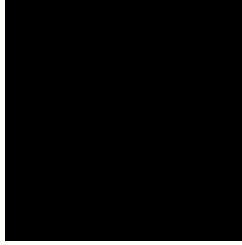
Any Text WCAG AA ✓ Pass

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, 255, 251 Background



This preview shows how black text looks on a background with the RGB color 253, 255, 251.



# 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, 255, 251

**Protanopia**  
255, 254, 254

**Deuteranopia**  
255, 254, 254

# Tritanopia

254, 254, 255

# Trichromacy

## Original Color

253, 255, 251

## Protanomaly

254, 254, 253

## Deuteranomaly

254, 254, 253

## Tritanomaly

254, 254, 254

# Monochromacy

## Original Color

253, 255, 251

## Achromatopsia

254, 254, 254

## Achromatomaly

254, 254, 253

# CSS Examples

## Text

The CSS property to change the color of the text to RGB 253, 255, 251 is called "color". The color property can be set on classes, ids or directly on the HTML element.

```
color: rgb(253, 255, 251);
```

```
.text, #text, p{  
    color:rgb(253, 255, 251)  
}
```

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, 255, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 255, 251) }
```

## Border

The CSS property to change the border of an element to RGB 253, 255, 251 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, 255, 251) }
```

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

```
.border{ border-color:rgb(253, 255, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 255, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 255, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 255, 251);  
box-shadow:4px 4px 4px 4px rgb(253, 255,  
251) }
```

# Background

The CSS property to change the background color of an element to RGB 253, 255, 251 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 255, 251) }
```

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

```
.background{ background-color: rgb(253,  
255, 251) }
```

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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