

# Converting Colors

RGB(253, 243, 253)

Have a look what the booklet for  
RGB(253, 243, 253) contains.

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# **Color**

**RGB(253, 243, 253)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FDF3FD
RGB	253, 243, 253
RGB Percent	99%, 95%, 99%
CMY	0.0078, 0.0471, 0.0078
CMYK	0.00, 0.04, 0.00, 0.01
HSL	300°, 71%, 97%
HSV	300°, 4%, 99%
XYZ	90.2882, 92.0757, 105.9422
YIQ	247.1300, 2.7500, 5.2300

# Conversions

## Conversions Part 2

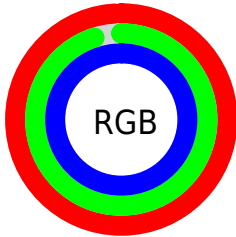
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	253, 243, 253
Decimal	16643069
CIE Lab	96.85, 5.08, -3.61
CIE LCh	97, 6.237, 324.611
Yxy	92.0757, 0.3132, 0.3194
Android (android.graphics.Color)	4294833149 (0xFFFD3FD)
YUV	247.1300, 2.8939, 5.1480
Hunter-Lab	95.9561, 0.0334, 1.7090

# Details

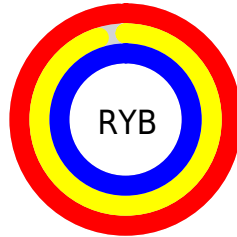
The RGB color 253, 243, 253 is a light color, and the websafe version is hex FFFFFFF. A complement of this color would be 243, 253, 243, and the grayscale version is 247, 247, 247.

A 20% lighter version of the original color is 255, 255, 255, and 196, 187, 196 is the 20% darker color. If you saturate the color by 10%, you get 253, 218, 253, and if you desaturate by 10%, it is 253, 255, 253.

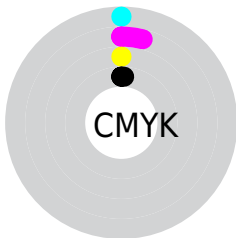
# Distribution



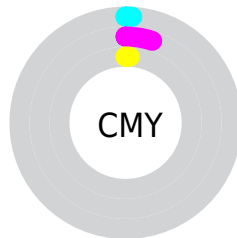
- Red (99%)
- Green (95%)
- Blue (99%)



- Red (99%)
- Yellow (95%)
- Blue (99%)



- Cyan (0%)
- Magenta (4%)
- Yellow (0%)
- Black (1%)



- Cyan (1%)
- Magenta (5%)
- Yellow (1%)

# Brightness & Saturation Gradients

These gradients show how the RGB color 253, 243, 253 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, 243, 253 by changing the saturation by 10% instead.




 253, 243, 253

 253, 243, 253

255, 255, 255

 224, 215, 224

 196, 187, 196

 169, 160, 169

 143, 134, 143

 117, 108, 117

 92, 84, 93

 69, 61, 69

 47, 39, 47


 26, 19, 26


 253, 243, 253

 253, 243, 253


 253, 218, 253

253, 255, 253


 253, 192, 253


 253, 167, 253


 253, 142, 253

 253, 116, 253

 253, 91, 253

 253, 66, 253

 253, 41, 253

 253, 15, 253

# Harmonies

## Analogous

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



246, 245, 255



253, 243, 253



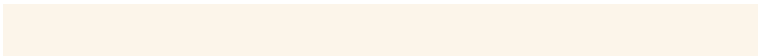
255, 242, 247

# Triad

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



253, 243, 253



252, 245, 234



231, 250, 251

# Complementary

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



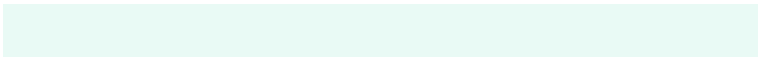
253, 243, 253



243, 253, 243

# 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.



233, 250, 245



253, 243, 253



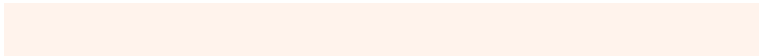
246, 247, 235

# Square

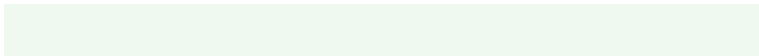
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



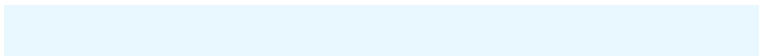
253, 243, 253



255, 243, 236



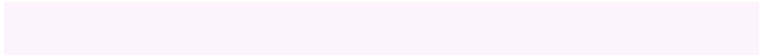
239, 249, 239



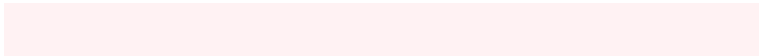
233, 248, 255

# Rectangle

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



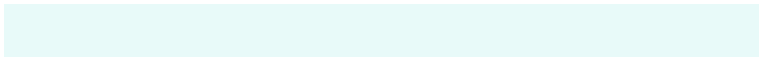
253, 243, 253



255, 242, 243



239, 249, 239



232, 250, 249



# Sweetspot

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



253, 243, 253



255, 252, 255



243, 243, 253



128, 126, 128



0, 0, 0



128, 128, 128



# Same Dimension

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



253, 243, 253



255, 242, 255



253, 243, 248



128, 120, 128



191, 0, 191



64, 0, 64



# Inverse Universe

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



253, 243, 253



255, 242, 255



243, 253, 248



128, 120, 128



191, 0, 191

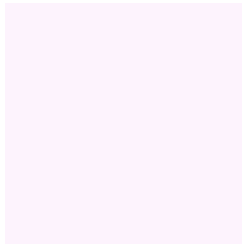


64, 0, 64



# Previews

## White Background



This preview shows how the RGB color 253, 243, 253 looks on a white background.

## Color Contrast Check

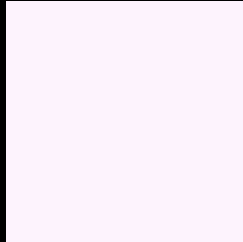
Large Text (above 18pt) WCAG AA × Fail

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, 243, 253 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, 243, 253 Background



This preview shows how black text looks on a background with the RGB color 253, 243, 253.

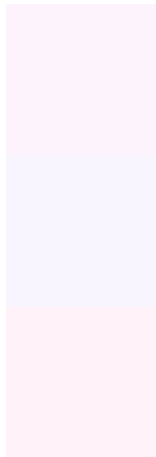


This preview shows how white text looks on a background with the RGB color 253, 243, 253.

# 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, 243, 253

**Protanopia**  
248, 245, 254

**Deuteranopia**  
255, 243, 249



# Tritanopia

251, 243, 255

# Trichromacy



## Original Color

253, 243, 253

## Protanomaly

250, 244, 254

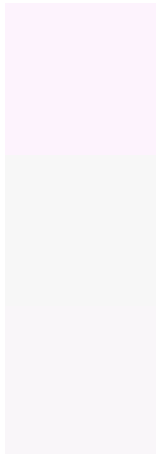
## Deuteranomaly

254, 243, 250

## Tritanomaly

252, 243, 254

# Monochromacy



## Original Color

253, 243, 253

## Achromatopsia

247, 247, 247

## Achromatomaly

249, 246, 249

# CSS Examples

## Text

The CSS property to change the color of the text to RGB 253, 243, 253 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, 243, 253) looks like.

```
.text, #text, p{  
    color:rgb(253, 243, 253)  
}
```

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, 243, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 243, 253) }
```

## Border

The CSS property to change the border of an element to RGB 253, 243, 253 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, 243, 253) }
```

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

```
.border{ border-color:rgb(253, 243, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 243, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(253, 243, 253); -webkit-box-shadow:4px 4px 4px 4px rgb(253, 243, 253); box-shadow:4px 4px 4px 4px rgb(253, 243, 253) }
```

# Background

The CSS property to change the background color of an element to RGB 253, 243, 253 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 243, 253) }
```

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

```
.background{ background-color: rgb(253,  
243, 253) }
```

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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