

# Converting Colors

RGB(252, 245, 255)

Have a look what the booklet for  
RGB(252, 245, 255) contains.

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# **Color**

**RGB(252, 245, 255)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FCF5FF
RGB	252, 245, 255
RGB Percent	99%, 96%, 100%
CMY	0.0118, 0.0392, 0.0000
CMYK	0.01, 0.04, 0.00, 0.00
HSL	282°, 100%, 98%
HSV	282°, 4%, 100%
XYZ	90.8473, 93.2203, 107.8129
YIQ	248.2330, 0.9620, 4.5940

# Conversions

## Conversions Part 2

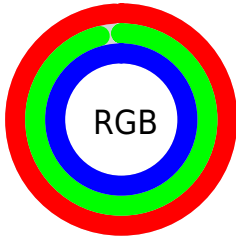
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	252, 245, 255
Decimal	16578047
CIE Lab	97.32, 4.09, -3.97
CIE LCh	97, 5.699, 315.860
Yxy	93.2203, 0.3112, 0.3194
Android (android.graphics.Color)	4294768127 (0xFFFCF5FF)
YUV	248.2330, 3.3361, 3.3037
Hunter-Lab	96.5506, -1.0078, 1.3795

# Details

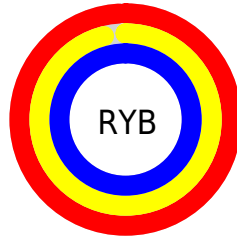
The RGB color 252, 245, 255 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 248, 255, 245, and the grayscale version is 248, 248, 248.

A 20% lighter version of the original color is 255, 255, 255, and 195, 189, 198 is the 20% darker color. If you saturate the color by 10%, you get 244, 220, 255, and if you desaturate by 10%, it is 255, 255, 255.

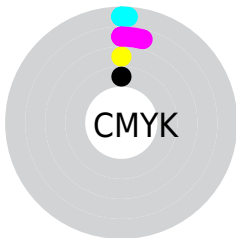
# Distribution



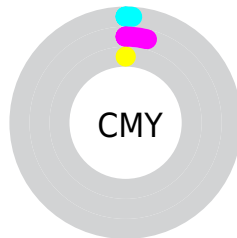
- Red (99%)
- Green (96%)
- Blue (100%)



- Red (99%)
- Yellow (96%)
- Blue (100%)



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



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

# Brightness & Saturation Gradients

These gradients show how the RGB color 252, 245, 255 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 252, 245, 255 by changing the saturation by 10% instead.



 252, 245, 255


255, 255, 255

 252, 245, 255

 223, 217, 226

 195, 189, 198

 168, 162, 171


 142, 136, 145

 116, 110, 119

 92, 86, 94

 68, 63, 71

 46, 41, 48

 25, 21, 27

 252, 245, 255


 252, 245, 255


 244, 220, 255


255, 255, 255


 237, 194, 255


 229, 169, 255


 221, 143, 255

 214, 118, 255

 206, 92, 255

 198, 66, 255

 191, 41, 255

 183, 16, 255

# Harmonies

## Analogous

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



245, 247, 255



252, 245, 255



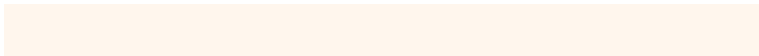
255, 244, 250

# Triad

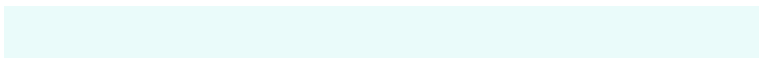
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



252, 245, 255



255, 246, 237



234, 251, 250

# Complementary

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



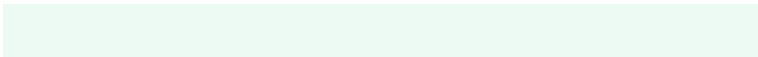
252, 245, 255



248, 255, 245

# 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.



237, 250, 244



252, 245, 255



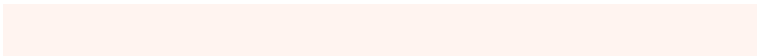
249, 248, 237

# Square

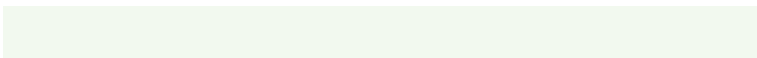
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



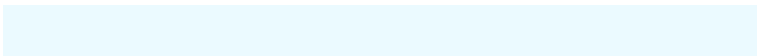
252, 245, 255



255, 244, 240



242, 249, 239



235, 250, 255

# Rectangle

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



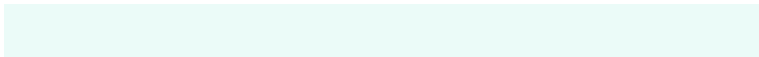
252, 245, 255



255, 244, 246



242, 249, 239



235, 251, 248



# Sweetspot

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



252, 245, 255



254, 252, 255



245, 248, 255



127, 126, 128



0, 0, 0



128, 128, 128



# Same Dimension

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



252, 245, 255



251, 242, 255



255, 245, 253



125, 120, 128



134, 0, 191



45, 0, 64



# Inverse Universe

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



255, 245, 248



255, 242, 246



245, 255, 247



128, 120, 122



191, 0, 57

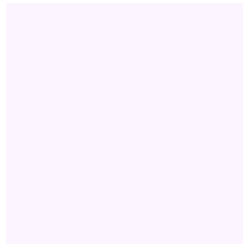


64, 0, 19



# Previews

## White Background



This preview shows how the RGB color 252, 245, 255 looks on a white background.

## Color Contrast Check

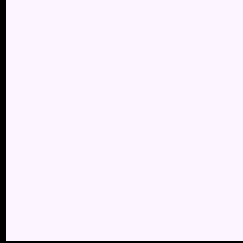
Large Text (above 18pt) WCAG AA × Fail

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 252, 245, 255 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

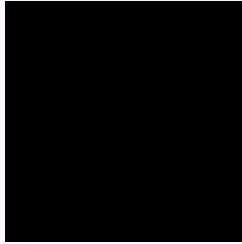
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## RGB 252, 245, 255 Background



This preview shows how black text looks on a background with the RGB color 252, 245, 255.



This preview shows how white text looks on a background with the RGB color 252, 245, 255.

# 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**  
252, 245, 255

**Protanopia**  
249, 246, 255

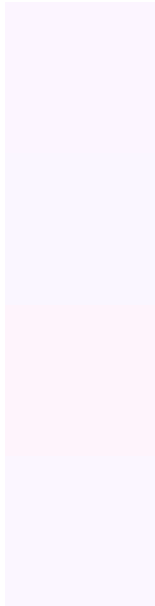
**Deuteranopia**  
255, 244, 251



# Tritanopia

250, 246, 255

# Trichromacy



## Original Color

252, 245, 255

## Protanomaly

250, 246, 255

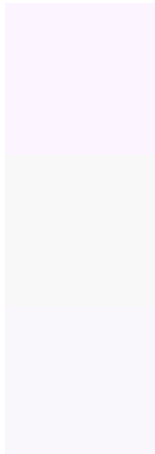
## Deuteranomaly

254, 244, 252

## Tritanomaly

251, 246, 255

# Monochromacy



## Original Color

252, 245, 255

## Achromatopsia

248, 248, 248

## Achromatomaly

249, 247, 251

# CSS Examples

## Text

The CSS property to change the color of the text to RGB 252, 245, 255 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(252, 245, 255) looks like.

```
.text, #text, p{  
    color:rgb(252, 245, 255)  
}
```

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(252, 245, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 245, 255) }
```

## Border

The CSS property to change the border of an element to RGB 252, 245, 255 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(252, 245, 255) }
```

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

```
.border{ border-color:rgb(252, 245, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 245, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 245, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 245, 255);  
box-shadow:4px 4px 4px 4px rgb(252, 245,  
255) }
```

# Background

The CSS property to change the background color of an element to RGB 252, 245, 255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 245, 255) }
```

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

```
.background{ background-color: rgb(252,  
245, 255) }
```

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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