

# Converting Colors

RGB(250, 242, 255)

Have a look what the booklet for  
RGB(250, 242, 255) contains.

<b>RGB(250, 242, 255)</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(250, 242, 255)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FAF2FF
RGB	250, 242, 255
RGB Percent	98%, 95%, 100%
CMY	0.0196, 0.0510, 0.0000
CMYK	0.02, 0.05, 0.00, 0.00
HSL	277°, 100%, 97%
HSV	277°, 5%, 100%
XYZ	89.2265, 91.0483, 107.4791
YIQ	245.8740, 0.5950, 5.7390

# Conversions

## Conversions Part 2

<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	250, 242, 255
Decimal	16446207
CIE <sub>Lab</sub>	96.43, 4.97, -5.29
CIE <sub>LCh</sub>	96, 7.257, 313.181
Yxy	91.0483, 0.3101, 0.3164
Android (android.graphics.Color)	4294636287 (0xFFFAF2FF)
YUV	245.8740, 4.4991, 3.6185
Hunter-Lab	95.4192, -0.0683, 0.0099

# Details

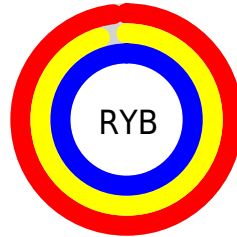
The RGB color 250, 242, 255 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 247, 255, 242, and the grayscale version is 246, 246, 246.

A 20% lighter version of the original color is 255, 255, 255, and 194, 186, 198 is the 20% darker color. If you saturate the color by 10%, you get 240, 217, 255, and if you desaturate by 10%, it is 255, 255, 255.

# Distribution



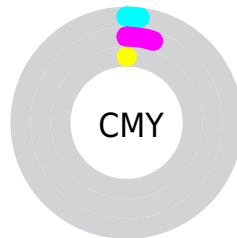
- Red (98%)
- Green (95%)
- Blue (100%)



- Red (98%)
- Yellow (95%)
- Blue (100%)



- Cyan (2%)
- Magenta (5%)
- Yellow (0%)
- Black (0%)



- Cyan (2%)
- Magenta (5%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the RGB color 250, 242, 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 250, 242, 255 by changing the saturation by 10% instead.




 250, 242, 255


255, 255, 255

 250, 242, 255


 221, 214, 226

 194, 186, 198

 166, 159, 171

 140, 133, 145

 115, 108, 119

 90, 83, 94

 67, 60, 71

 44, 39, 48


 24, 18, 27


 250, 242, 255


 250, 242, 255


 240, 217, 255


255, 255, 255


 230, 191, 255

 221, 165, 255


 211, 140, 255

 201, 114, 255

 191, 89, 255

 181, 63, 255

 172, 38, 255

 162, 12, 255

# Harmonies

## Analogous

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



241, 244, 255



250, 242, 255



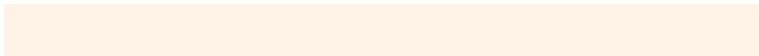
255, 240, 249

# Triad

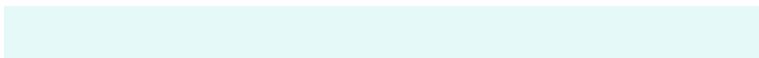
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



250, 242, 255



255, 243, 231



228, 249, 248

# Complementary

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



250, 242, 255



247, 255, 242

# 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.



232, 249, 240



250, 242, 255



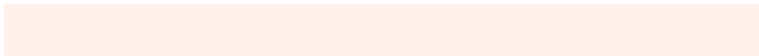
247, 245, 231

# Square

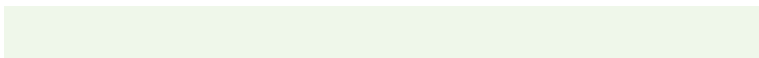
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



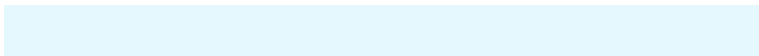
250, 242, 255



255, 241, 235



239, 247, 234



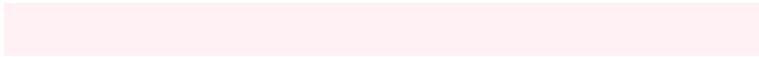
229, 248, 254

# Rectangle

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



250, 242, 255



255, 240, 244



239, 247, 234



229, 249, 245



# Sweetspot

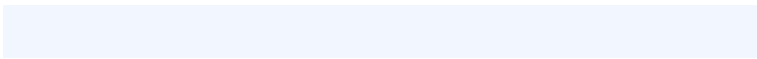
The Sweet Spot groups the original color and five complimentary colors.



250, 242, 255



253, 250, 255



242, 247, 255



127, 125, 128



0, 0, 0



128, 128, 128



# Same Dimension

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



250, 242, 255



249, 240, 255



255, 242, 254



124, 119, 128



118, 0, 191



39, 0, 64



# Inverse Universe

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



255, 242, 247



255, 240, 246



242, 255, 243



128, 119, 122



191, 0, 74

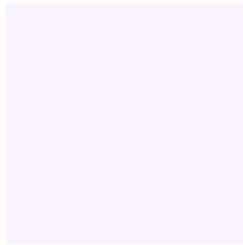


64, 0, 25



# Previews

## White Background



This preview shows how the RGB color 250, 242, 255 looks on a white background.

## Color Contrast Check

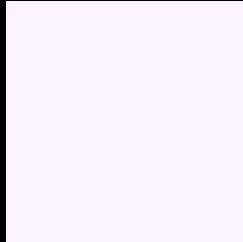
Large Text (above 18pt) WCAG AA × Fail

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 250, 242, 255 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

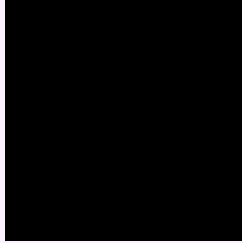
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

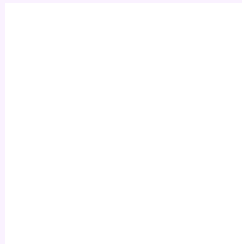
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## RGB 250, 242, 255 Background



This preview shows how black text looks on a background with the RGB color 250, 242, 255.



This preview shows how white text looks on a background with the RGB color 250, 242, 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**  
250, 242, 255

**Protanopia**  
246, 243, 255

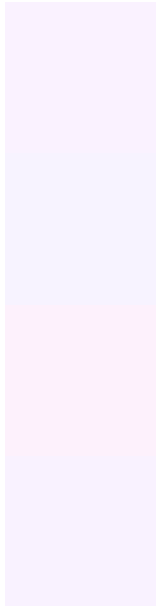
**Deuteranopia**  
255, 241, 251



# Tritanopia

249, 242, 255

# Trichromacy



## Original Color

250, 242, 255

## Protanomaly

247, 243, 255

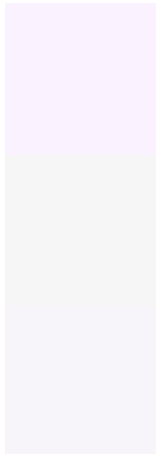
## Deuteranomaly

253, 241, 252

## Tritanomaly

249, 242, 255

# Monochromacy



## Original Color

250, 242, 255

## Achromatopsia

246, 246, 246

## Achromatomaly

247, 245, 249

# CSS Examples

## Text

The CSS property to change the color of the text to RGB 250, 242, 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(250, 242, 255)` looks like.

```
.text, #text, p{  
    color:rgb(250, 242, 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(250, 242, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 242, 255) }
```

## Border

The CSS property to change the border of an element to RGB 250, 242, 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(250, 242, 255) }
```

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

```
.border{ border-color:rgb(250, 242, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 242, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 242, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 242, 255);  
box-shadow:4px 4px 4px 4px rgb(250, 242,  
255) }
```

# Background

The CSS property to change the background color of an element to RGB 250, 242, 255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 242, 255) }
```

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

```
.background{ background-color: rgb(250,  
242, 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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor