

# Converting Colors

RGB(242, 249, 232)

Have a look what the booklet for  
RGB(242, 249, 232) contains.

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# **Color**

**RGB(242, 249, 232)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F2F9E8
RGB	242, 249, 232
RGB Percent	95%, 98%, 91%
CMY	0.0510, 0.0235, 0.0902
CMYK	0.03, 0.00, 0.07, 0.02
HSL	85°, 59%, 94%
HSV	85°, 7%, 98%
XYZ	85.0591, 92.4548, 89.7064
YIQ	244.9690, 1.2850, -6.7710

# Conversions

## Conversions Part 2

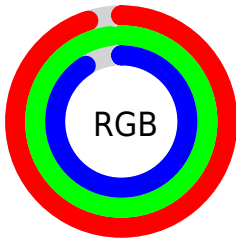
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	232, 249, 239
Decimal	15923688
CIE Lab	97.01, -5.26, 7.35
CIE LCh	97, 9.034, 125.610
Yxy	92.4548, 0.3183, 0.3460
Android (android.graphics.Color)	4294113768 (0xFFFF2F9E8)
YUV	244.9690, -6.3937, -2.6038
Hunter-Lab	96.1534, -10.3640, 11.9928

# Details

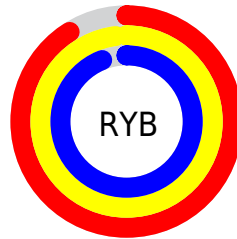
The RGB color **242, 249, 232** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **239, 232, 249**, and the grayscale version is **245, 245, 245**.

A 20% lighter version of the original color is **255, 255, 255**, and **186, 193, 176** is the 20% darker color. If you saturate the color by 10%, you get **232, 249, 207**, and if you desaturate by 10%, it is **252, 249, 255**.

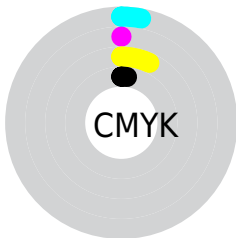
# Distribution



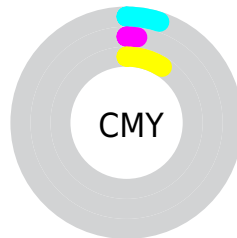
- Red (95%)
- Green (98%)
- Blue (91%)



- Red (91%)
- Yellow (98%)
- Blue (94%)



- Cyan (3%)
- Magenta (0%)
- Yellow (7%)
- Black (2%)



- Cyan (5%)
- Magenta (2%)
- Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the RGB color 242, 249, 232 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 242, 249, 232 by changing the saturation by 10% instead.



 242, 249, 232

255, 255, 255


 242, 249, 232

 214, 220, 204


 186, 193, 176


 159, 165, 150

 133, 139, 124

 108, 114, 99

 83, 89, 75

 60, 66, 52

 38, 44, 31


 18, 23, 7

 242, 249, 232

 242, 249, 232

 232, 249, 207

 252, 249, 255


 221, 249, 182

 255, 249, 255


 211, 249, 157

 201, 249, 132

 191, 249, 108

 180, 249, 83

 170, 249, 58

 160, 249, 33

 150, 249, 8

# Harmonies

## Analogous

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



252, 246, 229



242, 249, 232



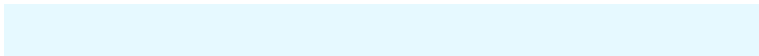
233, 251, 239

# Triad

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



242, 249, 232



230, 249, 255



255, 241, 245

# Complementary

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



242, 249, 232



239, 232, 249

# Split Complementary

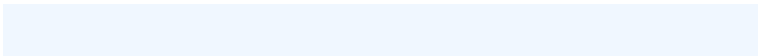
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 241, 254



242, 249, 232



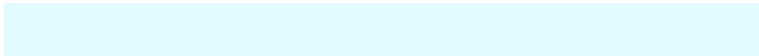
240, 247, 255

# Square

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



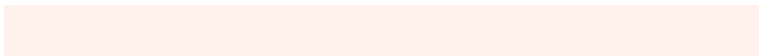
242, 249, 232



225, 251, 255



250, 244, 255



255, 241, 236

# Rectangle

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



242, 249, 232



228, 252, 245



250, 244, 255



255, 241, 248



# Sweetspot

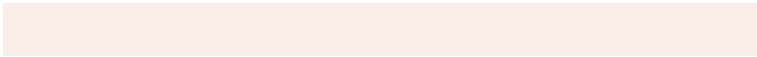
The Sweet Spot groups the original color and five complimentary colors.



242, 249, 232



253, 255, 250



249, 239, 232



126, 128, 125



0, 0, 0



128, 128, 128



# Same Dimension

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



242, 249, 232



247, 255, 235



234, 249, 232



120, 125, 112



111, 189, 0



36, 61, 0



# Inverse Universe

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



239, 232, 249



243, 235, 255



247, 232, 249



118, 112, 125



78, 0, 189

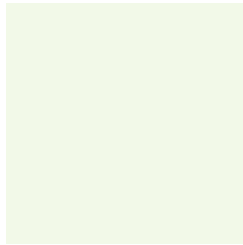


25, 0, 61



# Previews

## White Background



This preview shows how the RGB color 242, 249, 232 looks on a white background.

## Color Contrast Check

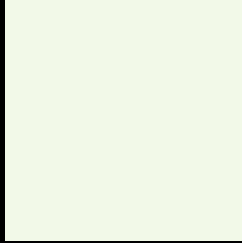
Large Text (above 18pt) WCAG AA × Fail

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 242, 249, 232 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

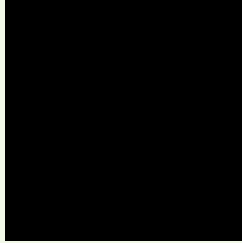
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

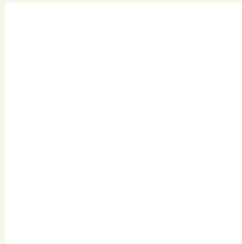
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## RGB 242, 249, 232 Background



This preview shows how black text looks on a background with the RGB color 242, 249, 232.

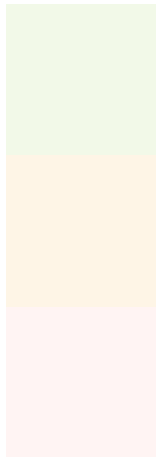


This preview shows how white text looks on a background with the RGB color 242, 249, 232.

# 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**  
242, 249, 232

**Protanopia**  
254, 245, 230

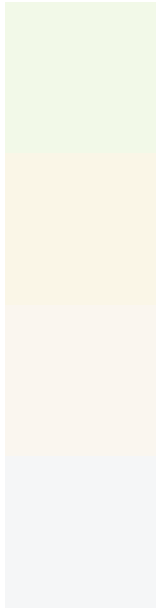
**Deuteranopia**  
255, 244, 243



# Tritanopia

247, 245, 255

# Trichromacy



**Original Color**

242, 249, 232

**Protanomaly**

250, 246, 231

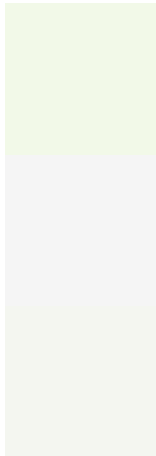
**Deuteranomaly**

250, 246, 239

**Tritanomaly**

245, 246, 247

# Monochromacy



**Original Color**

242, 249, 232

**Achromatopsia**

245, 245, 245

**Achromatomaly**

244, 246, 240

# CSS Examples

## Text

The CSS property to change the color of the text to RGB 242, 249, 232 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(242, 249, 232)` looks like.

```
.text, #text, p{  
    color:rgb(242, 249, 232)  
}
```

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(242, 249, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 249, 232) }
```

## Border

The CSS property to change the border of an element to RGB 242, 249, 232 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(242, 249, 232) }
```

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

```
.border{ border-color:rgb(242, 249, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 249, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 249, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 249, 232);  
box-shadow:4px 4px 4px 4px rgb(242, 249,  
232) }
```

# Background

The CSS property to change the background color of an element to RGB 242, 249, 232 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 249, 232) }
```

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

```
.background{ background-color: rgb(242,  
249, 232) }
```

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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