

# Converting Colors

RGB(249, 226, 234)

Have a look what the booklet for  
RGB(249, 226, 234) contains.

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# **Color**

**RGB(249, 226, 234)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F9E2EA
RGB	249, 226, 234
RGB Percent	98%, 89%, 92%
CMY	0.0235, 0.1137, 0.0824
CMYK	0.00, 0.09, 0.06, 0.02
HSL	339°, 66%, 93%
HSV	339°, 9%, 98%
XYZ	81.1146, 80.4730, 89.0995
YIQ	233.7890, 11.1400, 7.3640

# Conversions

## Conversions Part 2

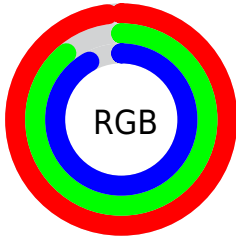
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	249, 226, 234
Decimal	16376554
CIE Lab	91.90, 9.20, -1.04
CIE LCh	92, 9.254, 353.546
Yxy	80.4730, 0.3236, 0.3210
Android (android.graphics.Color)	4294566634 (0xFFFF9E2EA)
YUV	233.7890, 0.1040, 13.3400
Hunter-Lab	89.7067, 4.4164, 3.9060

# Details

The RGB color **249, 226, 234** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **226, 249, 241**, and the grayscale version is **234, 234, 234**.

A 20% lighter version of the original color is 255, 255, 255, and **192, 171, 178** is the 20% darker color. If you saturate the color by 10%, you get **249, 201, 218**, and if you desaturate by 10%, it is 249, 251, 250.

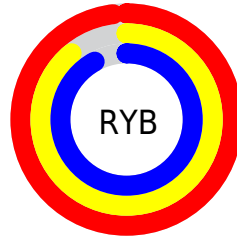
# Distribution



Red (98%)

Green (89%)

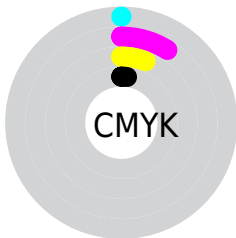
Blue (92%)



Red (98%)

Yellow (89%)

Blue (92%)

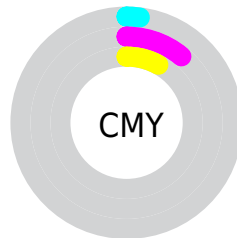


Cyan (0%)

Magenta (9%)

Yellow (6%)

Black (2%)



Cyan (2%)

Magenta (11%)

Yellow (8%)

# Brightness & Saturation Gradients

These gradients show how the RGB color 249, 226, 234 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 249, 226, 234 by changing the saturation by 10% instead.




 249, 226, 234

255, 255, 255

 249, 226, 234

 220, 198, 206

 192, 171, 178

 165, 144, 152

 139, 119, 126

 113, 94, 101

 89, 70, 77

 65, 48, 54

 43, 27, 33

 24, 0, 10

 249, 226, 234

 249, 226, 234


 249, 201, 218

 249, 251, 250


 249, 176, 202

 249, 255, 255

 249, 151, 185

 249, 126, 169

 249, 102, 153

 249, 77, 137

 249, 52, 120

 249, 27, 104

 249, 2, 88

# Harmonies

## Analogous

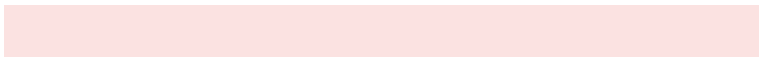
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



242, 227, 242



249, 226, 234



251, 226, 225

# Triad

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



249, 226, 234



232, 233, 215



213, 236, 246

# Complementary

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



249, 226, 234



226, 249, 241

# Split Complementary

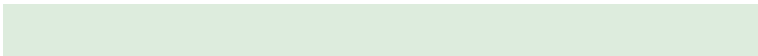
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



210, 237, 238



249, 226, 234



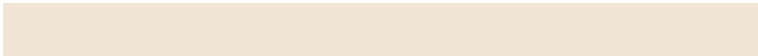
221, 236, 221

# Square

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



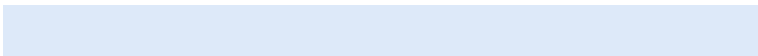
249, 226, 234



241, 230, 214



213, 237, 229



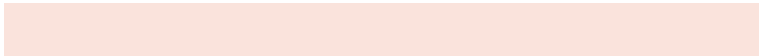
221, 233, 249

# Rectangle

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



249, 226, 234



250, 227, 220



213, 237, 229



211, 236, 244



# Sweetspot

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



249, 226, 234



255, 247, 250



241, 226, 249



128, 122, 124



0, 0, 0



128, 128, 128



# Same Dimension

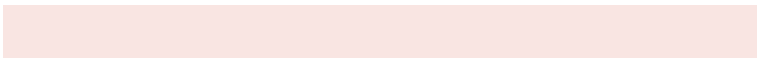
The Same Dimension uses a secret algorithm to generate beautiful new colors.



249, 226, 234



255, 227, 237



249, 229, 226



125, 112, 117



189, 0, 66



61, 0, 21



# Inverse Universe

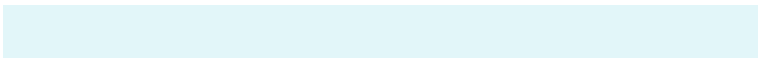
The Inverse Universe completely reimagines the original color for something new.



249, 226, 234



255, 227, 237



226, 246, 249



125, 112, 117



189, 0, 66

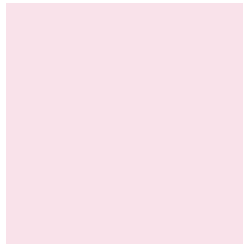


61, 0, 21



# Previews

## White Background



This preview shows how the RGB color 249, 226, 234 looks on a white background.

## Color Contrast Check

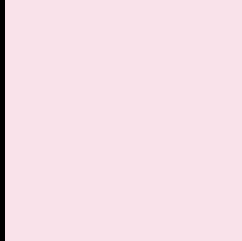
Large Text (above 18pt) WCAG AA × Fail

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 249, 226, 234 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

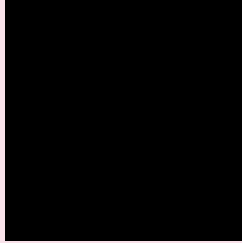
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## RGB 249, 226, 234 Background



This preview shows how black text looks on a background with the RGB color 249, 226, 234.

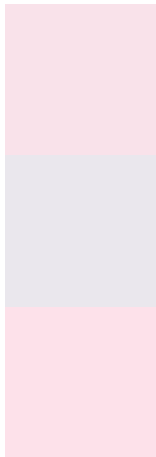


This preview shows how white text looks on a background with the RGB color 249, 226, 234.

# 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**  
249, 226, 234

**Protanopia**  
234, 231, 237

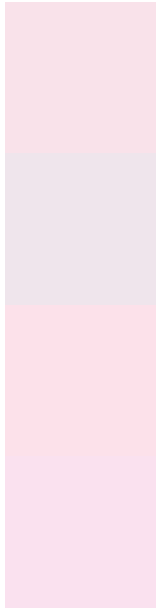
**Deuteranopia**  
253, 225, 234



# Tritanopia

250, 225, 242

# Trichromacy



**Original Color**

249, 226, 234

**Protanomaly**

239, 229, 236

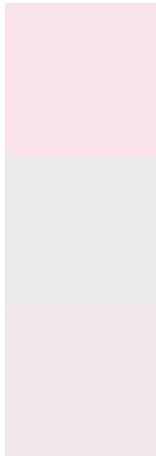
**Deuteranomaly**

252, 225, 234

**Tritanomaly**

250, 225, 239

# Monochromacy



**Original Color**

249, 226, 234

**Achromatopsia**

234, 234, 234

**Achromatomaly**

239, 231, 234

# CSS Examples

## Text

The CSS property to change the color of the text to RGB 249, 226, 234 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(249, 226, 234) looks like.

```
.text, #text, p{  
    color:rgb(249, 226, 234)  
}
```

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(249, 226, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 226, 234) }
```

## Border

The CSS property to change the border of an element to RGB 249, 226, 234 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(249, 226, 234) }
```

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

```
.border{ border-color:rgb(249, 226, 234) }
```

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

Here you see how a box with a 4 pixel rgb(249, 226, 234) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 226, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 226, 234);  
box-shadow:4px 4px 4px 4px rgb(249, 226,  
234) }
```

# Background

The CSS property to change the background color of an element to RGB 249, 226, 234 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 226, 234) }
```

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

```
.background{ background-color: rgb(249,  
226, 234) }
```

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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