

# Converting Colors

`RYB(247, 219, 236)`

Have a look what the booklet for RYB(247, 219, 236) contains.

<b>RYB(247, 219, 236)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**R<sub>Y</sub>B(247, 219, 236)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F7DBEC
RGB	247, 219, 236
RGB Percent	97%, 86%, 93%
CMY	0.0314, 0.1412, 0.0745
CMYK	0.00, 0.11, 0.04, 0.03
HSL	324°, 64%, 91%
HSV	324°, 11%, 97%
XYZ	78.8296, 76.4933, 89.9668
YIQ	229.3100, 11.2310, 11.2230

# Conversions

## Conversions Part 2

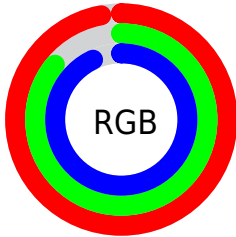
Format	Color
R <sub>Y</sub> B	247, 219, 236
Decimal	16243692
CIE Lab	90.09, 12.50, -4.76
CIE LCh	90, 13.374, 339.132
Yxy	76.4933, 0.3214, 0.3118
Android (android.graphics.Color)	4294433772 (0xFFF7DBEC)
YUV	229.3100, 3.2982, 15.5141
Hunter-Lab	87.4605, 7.8293, 0.2333

# Details

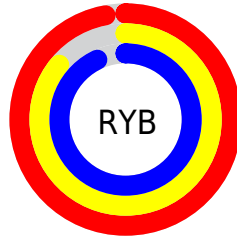
The RYB color **247, 219, 236** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **219, 239, 247**, and the grayscale version is **229, 229, 229**.

A 20% lighter version of the original color is 255, 255, 255, and **191, 164, 180** is the 20% darker color. If you saturate the color by 10%, you get **247, 194, 226**, and if you desaturate by 10%, it is **247, 244, 246**.

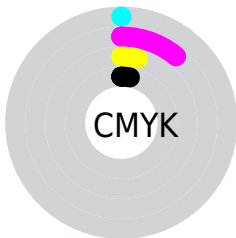
# Distribution



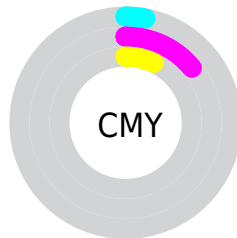
- Red (97%)
- Green (86%)
- Blue (93%)



- Red (97%)
- Yellow (86%)
- Blue (93%)



- Cyan (0%)
- Magenta (11%)
- Yellow (4%)
- Black (3%)



- Cyan (3%)
- Magenta (14%)
- Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the RYB color 247, 219, 236 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 RYB color 247, 219, 236 by changing the saturation by 10% instead.



 247, 219, 236

255, 255, 255


 247, 219, 236

 218, 191, 208

 191, 164, 180


 163, 138, 153

 137, 112, 128

 111, 88, 102

 87, 64, 78

 63, 42, 56

 41, 21, 34

 23, 0, 12

 247, 219, 236

 247, 219, 236


 247, 194, 226

 247, 244, 246

 247, 170, 217

 247, 251, 255


 247, 145, 207

 247, 120, 197

 247, 95, 187

 247, 71, 178

 247, 46, 168

 247, 21, 158

 247, 0, 150

# Harmonies

## Analogous

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



234, 222, 246



247, 219, 236



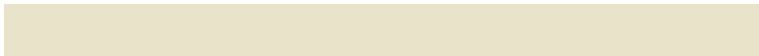
254, 218, 223

# Triad

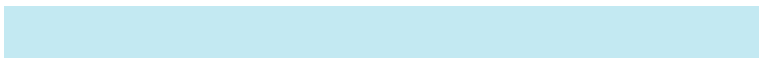
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



247, 219, 236



208, 233, 201



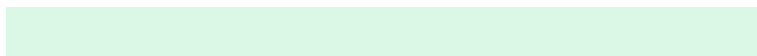
195, 216, 242

# Complementary

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



247, 219, 236



219, 239, 247

# Split Complementary

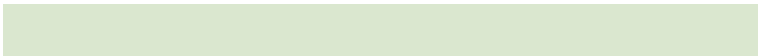
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



196, 216, 234



247, 219, 236



207, 231, 220

# Square

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



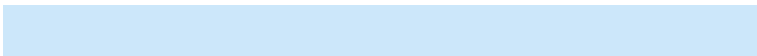
247, 219, 236



246, 240, 203



205, 225, 233



204, 221, 250

# Rectangle

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



247, 219, 236



254, 219, 215



205, 225, 233



195, 216, 239



# Sweetspot

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



247, 219, 236



255, 247, 252



230, 219, 247



128, 122, 125



0, 0, 0



128, 128, 128



# Same Dimension

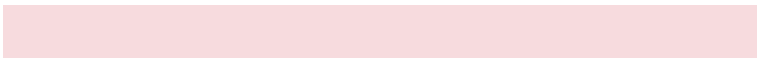
The Same Dimension uses a secret algorithm to generate beautiful new colors.



247, 219, 236



255, 219, 241



247, 219, 222



122, 110, 118



186, 0, 113



59, 0, 36



# Inverse Universe

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



247, 219, 236



255, 219, 241



219, 234, 247



122, 110, 118



186, 0, 113

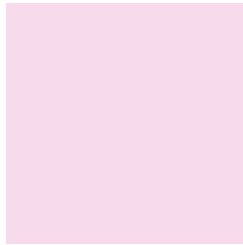


59, 0, 36



# Previews

## White Background



This preview shows how the RYB color 247, 219, 236 looks on a white background.

## Color Contrast Check

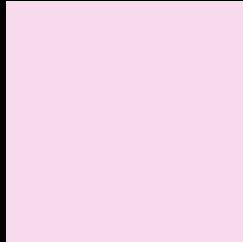
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the RYB color 247, 219, 236 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

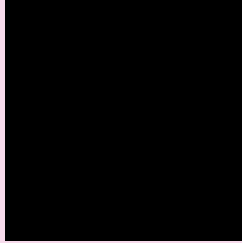
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## **RYB 247, 219, 236 Background**



This preview shows how black text looks on a background with the RYB color 247, 219, 236.

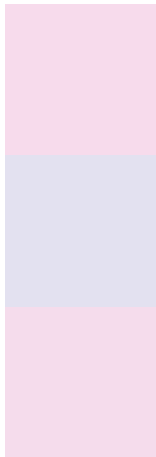


This preview shows how white text looks on a background with the RYB color 247, 219, 236.

# 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**  
247, 219, 236

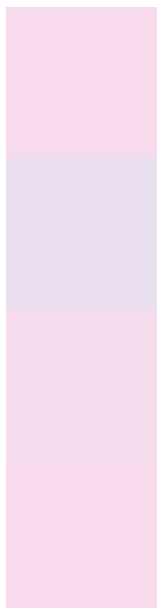
**Protanopia**  
227, 225, 240

**Deuteranopia**  
245, 220, 236



**Tritanopia**  
247, 219, 236

# Trichromacy



**Original Color**

247, 219, 236

**Protanomaly**

234, 223, 239

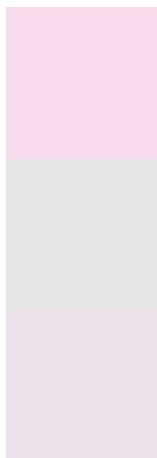
**Deuteranomaly**

246, 220, 236

**Tritanomaly**

247, 219, 236

# Monochromacy



**Original Color**

247, 219, 236

**Achromatopsia**

229, 229, 229

**Achromatomaly**

236, 225, 232

# CSS Examples

## Text

The CSS property to change the color of the text to RYB 247, 219, 236 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(247, 219, 236) looks like.

```
.text, #text, p{  
    color:rgb(247, 219, 236)  
}
```

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(247, 219, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 219, 236) }
```

## Border

The CSS property to change the border of an element to RYB 247, 219, 236 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(247, 219, 236) }
```

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

```
.border{ border-color:rgb(247, 219, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 219, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 219, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 219, 236);  
box-shadow:4px 4px 4px 4px rgb(247, 219,  
236) }
```

# Background

The CSS property to change the background color of an element to RYB 247, 219, 236 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 219, 236) }
```

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

```
.background{ background-color: rgb(247,  
219, 236) }
```

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