

# Converting Colors

`RYB(248, 210, 236)`

Have a look what the booklet for RYB(248, 210, 236) contains.

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# Color

**R<sub>Y</sub>B(248, 210, 236)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F8D2EC
RGB	248, 210, 236
RGB Percent	97%, 82%, 93%
CMY	0.0275, 0.1765, 0.0745
CMYK	0.00, 0.15, 0.05, 0.03
HSL	319°, 73%, 90%
HSV	319°, 15%, 97%
XYZ	76.8983, 72.1058, 89.2217
YIQ	224.3260, 14.3020, 16.1420

# Conversions

## Conversions Part 2

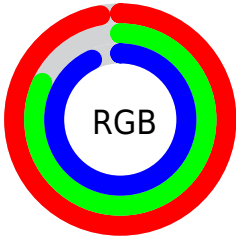
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	248, 210, 236
Decimal	16306924
CIE Lab	88.02, 17.54, -7.81
CIE LCh	88, 19.204, 336.001
Yxy	72.1058, 0.3228, 0.3027
Android (android.graphics.Color)	4294497004 (0xFFFF8D2EC)
YUV	224.3260, 5.7553, 20.7621
Hunter-Lab	84.9151, 13.0464, -2.8564

# Details

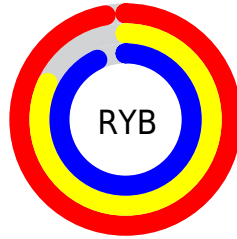
The RYB color **248, 210, 236** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **210, 239, 248**, and the grayscale version is **224, 224, 224**.

A 20% lighter version of the original color is 255, 255, 255, and **191, 155, 180** is the 20% darker color. If you saturate the color by 10%, you get **248, 185, 228**, and if you desaturate by 10%, it is **248, 235, 244**.

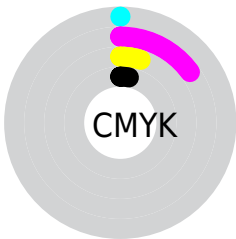
# Distribution



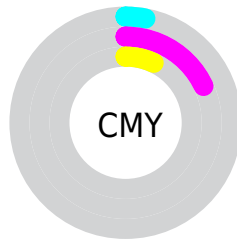
- Red (97%)
- Green (82%)
- Blue (93%)



- Red (97%)
- Yellow (82%)
- Blue (93%)



- Cyan (0%)
- Magenta (15%)
- Yellow (5%)
- Black (3%)



- Cyan (3%)
- Magenta (18%)
- Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the RYB color 248, 210, 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 248, 210, 236 by changing the saturation by 10% instead.




 248, 210, 236

255, 255, 255

 248, 210, 236

 219, 182, 208


 191, 155, 180


 164, 129, 153

 138, 104, 127

 112, 80, 102

 87, 56, 78


 63, 34, 56

 41, 14, 34

 17, 0, 11

 248, 210, 236

 248, 210, 236

 248, 185, 228

 248, 235, 244


 248, 160, 220


 248, 252, 255


 248, 136, 213


 248, 252, 255

 248, 111, 205

 248, 86, 197

 248, 61, 189

 248, 36, 181

 248, 12, 173

 248, 0, 170

# Harmonies

## Analogous

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



229, 215, 250



248, 210, 236



255, 208, 218

# Triad

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



248, 210, 236



199, 232, 185



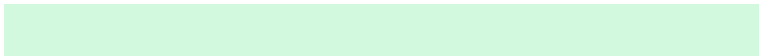
173, 204, 242

# Complementary

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



248, 210, 236



210, 239, 248

# 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.



176, 206, 232



248, 210, 236



191, 226, 206

# Square

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



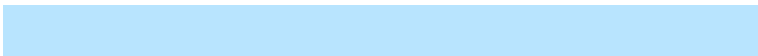
248, 210, 236



249, 236, 188



191, 220, 230



184, 211, 254

# Rectangle

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



248, 210, 236



255, 209, 206



191, 220, 230



173, 203, 236



# Sweetspot

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



248, 210, 236



255, 242, 251



221, 210, 248



128, 120, 125



0, 0, 0



128, 128, 128



# Same Dimension

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



248, 210, 236



255, 209, 241



248, 210, 218



125, 112, 121



189, 0, 129



61, 0, 42



# Inverse Universe

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



248, 210, 236



255, 209, 241



210, 231, 248



125, 112, 121



189, 0, 129

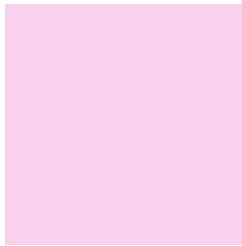


61, 0, 42



# Previews

## White Background



This preview shows how the RYB color 248, 210, 236 looks on a white background.

## Color Contrast Check

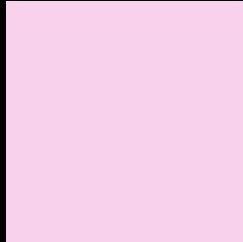
Large Text (above 18pt) WCAG AA × Fail

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 248, 210, 236 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

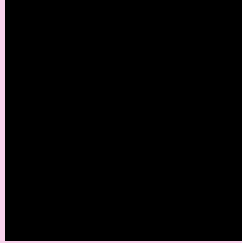
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## RYB 248, 210, 236 Background



This preview shows how black text looks on a background with the RYB color 248, 210, 236.



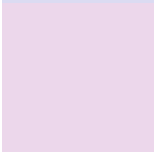


This preview shows how white text looks on a background with the RYB color 248, 210, 236.

# 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

	<b>Original Color</b> 248, 210, 236
	<b>Protanopia</b> 219, 219, 242
	<b>Deuteranopia</b> 236, 215, 235



**Tritanopia**  
247, 211, 228

# Trichromacy



**Original Color**

248, 210, 236

**Protanomaly**

230, 216, 240

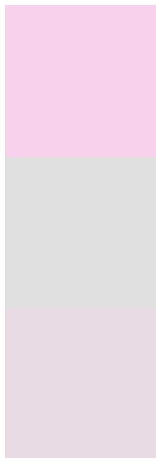
**Deuteranomaly**

240, 213, 235

**Tritanomaly**

247, 211, 231

# Monochromacy



**Original Color**

248, 210, 236

**Achromatopsia**

224, 224, 224

**Achromatomaly**

233, 219, 228

# CSS Examples

## Text

The CSS property to change the color of the text to RYB 248, 210, 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(248, 210, 236) looks like.

```
.text, #text, p{  
    color:rgb(248, 210, 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(248, 210, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 210, 236) }
```

## Border

The CSS property to change the border of an element to RYB 248, 210, 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(248, 210, 236) }
```

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

```
.border{ border-color:rgb(248, 210, 236) }
```

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

Here you see how a box with a 4 pixel rgb(248, 210, 236) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 210, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 210, 236);  
box-shadow:4px 4px 4px 4px rgb(248, 210,  
236) }
```

# Background

The CSS property to change the background color of an element to RYB 248, 210, 236 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 210, 236) }
```

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

```
.background{ background-color: rgb(248,  
210, 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](#).



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