

# Converting Colors

`RYB(237, 210, 226)`

Have a look what the booklet for RYB(237, 210, 226) contains.

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# **Color**

**R<sub>Y</sub>B(237, 210, 226)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EDD2E2
RGB	237, 210, 226
RGB Percent	93%, 82%, 89%
CMY	0.0706, 0.1765, 0.1137
CMYK	0.00, 0.11, 0.05, 0.07
HSL	324°, 43%, 88%
HSV	324°, 11%, 93%
XYZ	71.6991, 69.5887, 81.6045
YIQ	219.8970, 10.9560, 10.7000

# Conversions

## Conversions Part 2

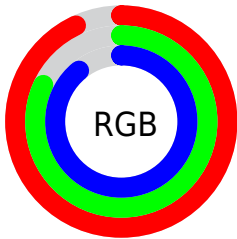
Format	Color
R <sub>Y</sub> B	237, 210, 226
Decimal	15586018
CIE Lab	86.79, 12.08, -4.44
CIE LCh	87, 12.866, 339.827
Yxy	69.5887, 0.3217, 0.3122
Android (android.graphics.Color)	4293776098 (0xFFEDD2E2)
YUV	219.8970, 3.0088, 14.9993
Hunter-Lab	83.4198, 7.4355, 0.3941

# Details

The RYB color **237, 210, 226** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **210, 229, 237**, and the grayscale version is **220, 220, 220**.

A 20% lighter version of the original color is 255, 255, 255, and **181, 155, 171** is the 20% darker color. If you saturate the color by 10%, you get **237, 186, 216**, and if you desaturate by 10%, it is **237, 234, 236**.

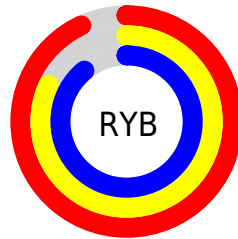
# Distribution



Red (93%)

Green (82%)

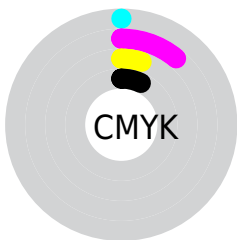
Blue (89%)



Red (93%)

Yellow (82%)

Blue (89%)

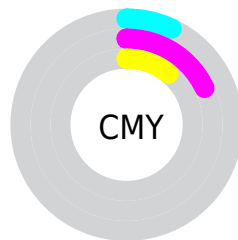


Cyan (0%)

Magenta (11%)

Yellow (5%)

Black (7%)



Cyan (7%)

Magenta (18%)

Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the RYB color 237, 210, 226 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 237, 210, 226 by changing the saturation by 10% instead.




 237, 210, 226

255, 255, 255

 237, 210, 226

 209, 182, 198

 181, 155, 171

 154, 129, 144

 128, 104, 119

 103, 80, 94

 79, 57, 70

 56, 35, 48

 34, 15, 27


 0, 0, 0

 237, 210, 226


 237, 210, 226

 237, 186, 216


 237, 234, 236

 237, 163, 207

 237, 249, 255

 237, 139, 197

 237, 246, 255

 237, 115, 187

 237, 91, 178

 237, 68, 168

 237, 44, 158

 237, 20, 149

 237, 0, 140

# Harmonies

## Analogous

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



225, 213, 236



237, 210, 226



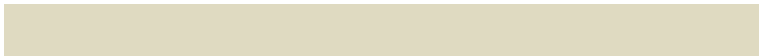
243, 209, 214

# Triad

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



237, 210, 226



199, 223, 193



188, 208, 232

# Complementary

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



237, 210, 226



210, 229, 237

# 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.



188, 208, 225



237, 210, 226



198, 221, 210

# Square

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



237, 210, 226



235, 231, 195



196, 215, 224



196, 212, 240

# Rectangle

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



237, 210, 226



244, 210, 206



196, 215, 224



187, 207, 229



# Sweetspot

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



237, 210, 226



255, 247, 252



221, 210, 237



128, 122, 125



0, 0, 0



128, 128, 128



# Same Dimension

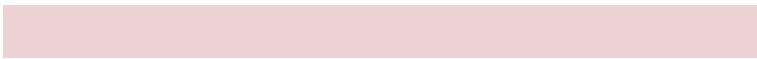
The Same Dimension uses a secret algorithm to generate beautiful new colors.



237, 210, 226



255, 219, 240



237, 210, 213



117, 106, 113



181, 0, 107



54, 0, 32



# Inverse Universe

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



237, 210, 226



255, 219, 240



210, 224, 237



117, 106, 113



181, 0, 107

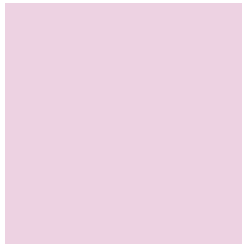


54, 0, 32



# Previews

## White Background



This preview shows how the RYB color 237, 210, 226 looks on a white background.

## Color Contrast Check

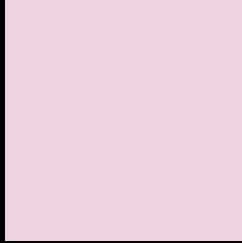
Large Text (above 18pt) WCAG AA × Fail

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 237, 210, 226 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 237, 210, 226 Background**



This preview shows how black text looks on a background with the RYB color 237, 210, 226.

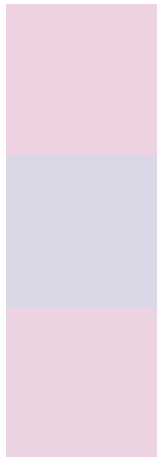


This preview shows how white text looks on a background with the RYB color 237, 210, 226.

# 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**  
237, 210, 226

**Protanopia**  
218, 216, 230

**Deuteranopia**  
235, 211, 226



**Tritanopia**  
237, 210, 226

# Trichromacy



**Original Color**

237, 210, 226

**Protanomaly**

225, 214, 229

**Deuteranomaly**

236, 211, 226

**Tritanomaly**

237, 210, 226

# Monochromacy



**Original Color**

237, 210, 226

**Achromatopsia**

220, 220, 220

**Achromatomaly**

226, 216, 222

# CSS Examples

## Text

The CSS property to change the color of the text to RGB 237, 210, 226 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(237, 210, 226) looks like.

```
.text, #text, p{  
    color:rgb(237, 210, 226)  
}
```

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(237, 210, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 210, 226) }
```

## Border

The CSS property to change the border of an element to RYB 237, 210, 226 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(237, 210, 226) }
```

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

```
.border{ border-color:rgb(237, 210, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 210, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 210, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 210, 226);  
box-shadow:4px 4px 4px 4px rgb(237, 210,  
226) }
```

# Background

The CSS property to change the background color of an element to RYB 237, 210, 226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 210, 226) }
```

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

```
.background{ background-color: rgb(237,  
210, 226) }
```

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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