

Converting Colors

`RYB(237, 130, 183)`

Have a look what the booklet for
RYB(237, 130, 183) contains.

RYB(237, 130, 183)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RYB(237, 130, 183)

Conversions

Conversions Part 1

Format	Color
Hex	ED82B7
RGB	237, 130, 183
RGB Percent	93%, 51%, 72%
CMY	0.0706, 0.4902, 0.2824
CMYK	0.00, 0.45, 0.23, 0.07
HSL	330°, 75%, 72%
HSV	330°, 45%, 93%
XYZ	51.4549, 37.3887, 49.3045
YIQ	168.0350, 46.7590, 39.1670

Conversions

Conversions Part 2

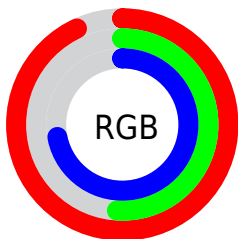
Format	Color
R _Y B	237, 130, 183
Decimal	15565495
CIE Lab	67.57, 47.30, -9.50
CIE LCh	68, 48.244, 348.644
Yxy	37.3887, 0.3725, 0.2706
Android (android.graphics.Color)	4293755575 (0xFFED82B7)
YUV	168.0350, 7.3777, 60.4823
Hunter-Lab	61.1463, 43.2027, -5.0053

Details

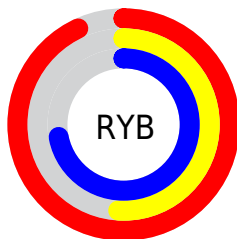
The RYB color **237, 130, 183** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **130, 201, 237**, and the grayscale version is **168, 168, 168**.

A 20% lighter version of the original color is **255, 185, 239**, and **179, 77, 130** is the 20% darker color. If you saturate the color by 10%, you get **237, 106, 171**, and if you desaturate by 10%, it is **237, 154, 195**.

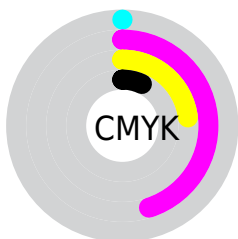
Distribution



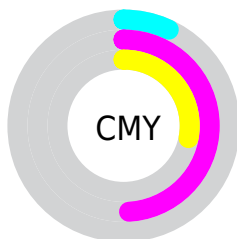
- Red (93%)
- Green (51%)
- Blue (72%)



- Red (93%)
- Yellow (51%)
- Blue (72%)



- Cyan (0%)
- Magenta (45%)
- Yellow (23%)
- Black (7%)



- Cyan (7%)
- Magenta (49%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the RYB color 237, 130, 183 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, 130, 183 by changing the saturation by 10% instead.

 237, 130, 183

 237, 130, 183


255, 255, 255

 208, 103, 156

 255, 185, 239

 179, 77, 130

 255, 214, 255

 151, 50, 105

 255, 243, 255

 123, 20, 81

 96, 0, 58

 69, 0, 36

 46, 0, 14

 0, 0, 0

 237, 130, 183

 237, 130, 183

■ 237, 106, 171

■ 237, 154, 195

■ 237, 83, 159

■ 237, 177, 207

■ 237, 59, 147

■ 237, 201, 219

■ 237, 35, 135

■ 237, 225, 231

■ 237, 12, 123

■ 237, 244, 248

■ 237, 0, 117

■ 237, 246, 255

Harmonies

Analogous

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



202, 143, 222



237, 130, 183



247, 129, 139

Triad

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



237, 130, 183



79, 171, 86



0, 102, 229

Complementary

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



237, 130, 183



130, 201, 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.



0, 94, 191



237, 130, 183



105, 180, 171

Square

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



237, 130, 183



158, 205, 78



32, 120, 186



29, 116, 249

Rectangle

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



237, 130, 183



241, 141, 112



32, 120, 186



0, 100, 218

Sweetspot

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



237, 130, 183



255, 219, 237



183, 130, 237



128, 106, 117



0, 0, 0



128, 128, 128

Same Dimension

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



237, 130, 183



255, 117, 186



237, 130, 130



117, 106, 111



181, 0, 90



54, 0, 27

Inverse Universe

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



237, 130, 183



255, 117, 186



130, 184, 237



117, 106, 111



181, 0, 90



54, 0, 27

Previews

White Background



This preview shows how the RYB color 237, 130, 183 looks on a white background.

Color Contrast Check

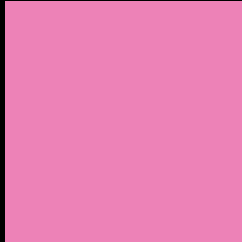
Large Text (above 18pt) WCAG AA × Fail

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, 130, 183 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, 130, 183 Background



This preview shows how black text looks on a background with the RYB color 237, 130, 183.

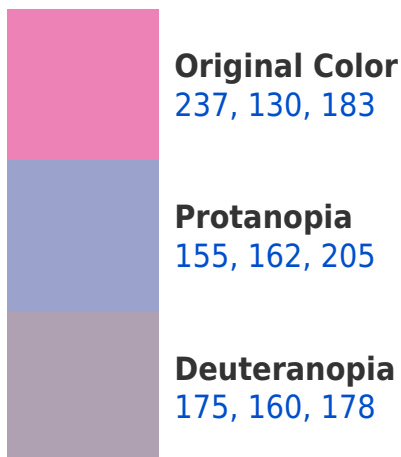


This preview shows how white text looks on a background with the RYB color 237, 130, 183.

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





Tritanopia
233, 137, 147

Trichromacy



Original Color

237, 130, 183



Protanomaly

185, 151, 197



Deuteranomaly

198, 149, 180



Tritanomaly

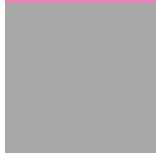
234, 134, 160

Monochromacy



Original Color

237, 130, 183



Achromatopsia

168, 168, 168



Achromatomaly

193, 154, 173

CSS Examples

Text

The CSS property to change the color of the text to RYB 237, 130, 183 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, 130, 183) looks like.

```
.text, #text, p{  
    color:rgb(237, 130, 183)  
}
```

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, 130, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 130, 183) }
```

Border

The CSS property to change the border of an element to RYB 237, 130, 183 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, 130, 183) }
```

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

```
.border{ border-color:rgb(237, 130, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 130, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(237, 130, 183); -webkit-box-shadow:4px 4px 4px 4px rgb(237, 130, 183); box-shadow:4px 4px 4px 4px rgb(237, 130, 183) }
```

Background

The CSS property to change the background color of an element to RYB 237, 130, 183 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 130, 183) }
```

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

```
.background{ background-color: rgb(237,  
130, 183) }
```

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