

Converting Colors

`RYB(238, 131, 171)`

Have a look what the booklet for
RYB(238, 131, 171) contains.

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Color

`RYB(238, 131, 171)`

Conversions

Conversions Part 1

Format	Color
Hex	EE83AB
RGB	238, 131, 171
RGB Percent	93%, 51%, 67%
CMY	0.0667, 0.4863, 0.3294
CMYK	0.00, 0.45, 0.28, 0.07
HSL	338°, 76%, 72%
HSV	338°, 45%, 93%
XYZ	50.7269, 37.3500, 43.0638
YIQ	167.5530, 50.9320, 35.1240

Conversions

Conversions Part 2

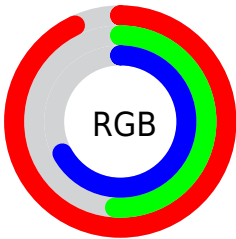
Format	Color
R _Y B	238, 131, 171
Decimal	15631275
CIE Lab	67.54, 45.49, -2.77
CIE LCh	68, 45.577, 356.510
Yxy	37.3500, 0.3868, 0.2848
Android (android.graphics.Color)	4293821355 (0xFFEE83AB)
YUV	167.5530, 1.6994, 61.7820
Hunter-Lab	61.1147, 41.2093, 1.0022

Details

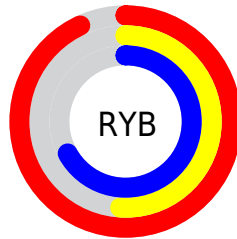
The RYB color **238, 131, 171** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **131, 197, 238**, and the grayscale version is **168, 168, 168**.

A 20% lighter version of the original color is **255, 186, 226**, and **180, 78, 119** is the 20% darker color. If you saturate the color by 10%, you get **238, 107, 156**, and if you desaturate by 10%, it is **238, 155, 186**.

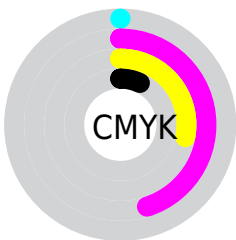
Distribution



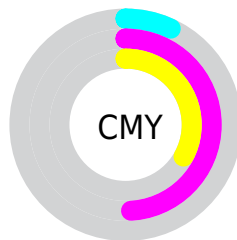
- Red (93%)
- Green (51%)
- Blue (67%)



- Red (93%)
- Yellow (51%)
- Blue (67%)



- Cyan (0%)
- Magenta (45%)
- Yellow (28%)
- Black (7%)




- Cyan (7%)
- Magenta (49%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the RYB color 238, 131, 171 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 238, 131, 171 by changing the saturation by 10% instead.


 238, 131, 171


255, 255, 255

 255, 186, 226


 255, 214, 255

 255, 243, 255

 238, 131, 171

 209, 104, 145

 180, 78, 119

 151, 52, 94

 123, 23, 71


 96, 0, 48

 69, 0, 28

 46, 0, 2

 0, 0, 0

 238, 131, 171

 238, 131, 171

■ 238, 107, 156

■ 238, 155, 186

■ 238, 83, 141

■ 238, 179, 201

■ 238, 60, 126

■ 238, 202, 216

■ 238, 36, 111

■ 238, 226, 231

■ 238, 12, 96

■ 238, 245, 250

■ 238, 0, 89

■ 238, 247, 255

Harmonies

Analogous

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



211, 140, 210



238, 131, 171



242, 134, 130

Triad

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



238, 131, 171



89, 173, 109



0, 101, 232

Complementary

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



238, 131, 171



131, 197, 238

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, 96, 200



238, 131, 171



103, 168, 181

Square

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



238, 131, 171



128, 194, 81



6, 103, 185



84, 140, 246

Rectangle

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



238, 131, 171



233, 154, 107



6, 103, 185



0, 100, 223

Sweetspot

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



238, 131, 171



255, 222, 234



197, 131, 238



128, 107, 115



0, 0, 0



128, 128, 128

Same Dimension

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



238, 131, 171



255, 117, 169



238, 145, 131



120, 108, 112



184, 0, 69



56, 0, 21

Inverse Universe

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



238, 131, 171



255, 117, 169



131, 181, 238



120, 108, 112



184, 0, 69



56, 0, 21

Previews

White Background



This preview shows how the RYB color 238, 131, 171 looks on a white background.

Color Contrast Check

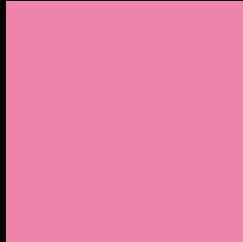
Large Text (above 18pt) WCAG AA × Fail

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 238, 131, 171 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 238, 131, 171 Background



This preview shows how black text looks on a background with the RYB color 238, 131, 171.



This preview shows how white text looks on a background with the RYB color 238, 131, 171.

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
238, 131, 171

Protanopia
160, 164, 191

Deuteranopia
180, 160, 166



Tritanopia
236, 136, 146

Trichromacy



Original Color

238, 131, 171



Protanomaly

188, 152, 184



Deuteranomaly

201, 149, 168



Tritanomaly

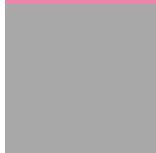
237, 134, 155

Monochromacy



Original Color

238, 131, 171



Achromatopsia

168, 168, 168



Achromatomaly

193, 155, 169

CSS Examples

Text

The CSS property to change the color of the text to RYB 238, 131, 171 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(238, 131, 171) looks like.

```
.text, #text, p{  
    color:rgb(238, 131, 171)  
}
```

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(238, 131, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 131, 171) }
```

Border

The CSS property to change the border of an element to RYB 238, 131, 171 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(238, 131, 171) }
```

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

```
.border{ border-color:rgb(238, 131, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 131, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 131, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 131, 171);  
box-shadow:4px 4px 4px 4px rgb(238, 131,  
171) }
```

Background

The CSS property to change the background color of an element to RGB 238, 131, 171 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 131, 171) }
```

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

```
.background{ background-color: rgb(238,  
131, 171) }
```

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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