

Converting Colors

`RYB(236, 141, 217)`

Have a look what the booklet for
RYB(236, 141, 217) contains.

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Color

R_YB(236, 141, 217)

Conversions

Conversions Part 1

Format	Color
Hex	EC8DD9
RGB	236, 141, 217
RGB Percent	93%, 55%, 85%
CMY	0.0745, 0.4471, 0.1490
CMYK	0.00, 0.40, 0.08, 0.07
HSL	312°, 71%, 74%
HSV	312°, 40%, 93%
XYZ	56.6413, 41.8924, 70.7464
YIQ	178.0690, 32.2240, 43.7760

Conversions

Conversions Part 2

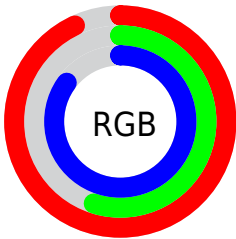
Format	Color
R _Y B	236, 141, 217
Decimal	15502809
CIE Lab	70.80, 46.64, -23.58
CIE LCh	71, 52.257, 333.183
Yxy	41.8924, 0.3346, 0.2475
Android (android.graphics.Color)	4293692889 (0xFFEC8DD9)
YUV	178.0690, 19.1930, 50.8055
Hunter-Lab	64.7243, 42.9408, -19.4994

Details

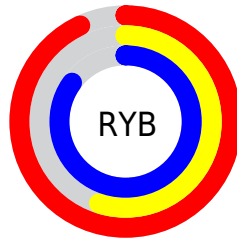
The RYB color **236, 141, 217** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **141, 220, 236**, and the grayscale version is **178, 178, 178**.

A 20% lighter version of the original color is **255, 196, 255**, and **178, 88, 162** is the 20% darker color. If you saturate the color by 10%, you get **236, 117, 212**, and if you desaturate by 10%, it is **236, 165, 222**.

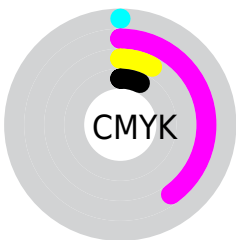
Distribution



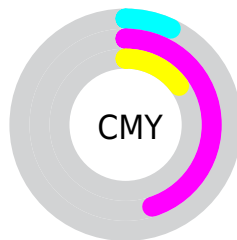
- Red (93%)
- Green (55%)
- Blue (85%)



- Red (93%)
- Yellow (55%)
- Blue (85%)



- Cyan (0%)
- Magenta (40%)
- Yellow (8%)
- Black (7%)




- Cyan (7%)
- Magenta (45%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the RYB color 236, 141, 217 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 236, 141, 217 by changing the saturation by 10% instead.

 236, 141, 217

 236, 141, 217


255, 255, 255

 207, 114, 189

 255, 196, 255

 178, 88, 162


 255, 225, 255

 151, 62, 136

255, 254, 255

 123, 35, 110

 97, 0, 85

 71, 0, 62


 49, 0, 40


 9, 0, 17

 0, 0, 0


 236, 141, 217

 236, 141, 217

 236, 117, 212

 236, 165, 222

 236, 94, 208


 236, 188, 226

 236, 70, 203

 236, 212, 231

 236, 47, 198

 236, 235, 236

 236, 23, 193

 236, 251, 255

 236, 0, 189

 236, 249, 255

 236, 247, 255

 236, 246, 255

Harmonies

Analogous

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



183, 159, 253



236, 141, 217



255, 133, 170

Triad

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



236, 141, 217



105, 196, 75



0, 105, 224

Complementary

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



236, 141, 217



141, 220, 236

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, 104, 197



236, 141, 217



90, 186, 129

Square

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



236, 141, 217



235, 211, 88



83, 161, 194



0, 109, 255

Rectangle

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



236, 141, 217



255, 135, 138



83, 161, 194



0, 101, 209

Sweetspot

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



236, 141, 217



255, 224, 249



160, 141, 236



128, 110, 124



0, 0, 0



128, 128, 128

Same Dimension

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



236, 141, 217



255, 133, 231



236, 141, 170



117, 106, 115



181, 0, 145



54, 0, 43

Inverse Universe

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



236, 141, 217



255, 133, 231



141, 197, 236



117, 106, 115



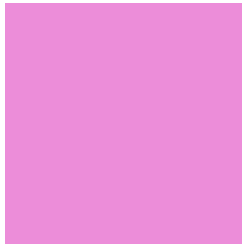
181, 0, 145



54, 0, 43

Previews

White Background



This preview shows how the RYB color 236, 141, 217 looks on a white background.

Color Contrast Check

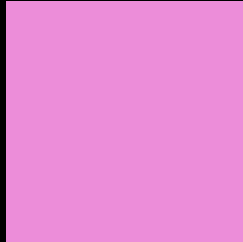
Large Text (above 18pt) WCAG AA × Fail

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 236, 141, 217 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 236, 141, 217 Background



This preview shows how black text looks on a background with the RYB color 236, 141, 217.

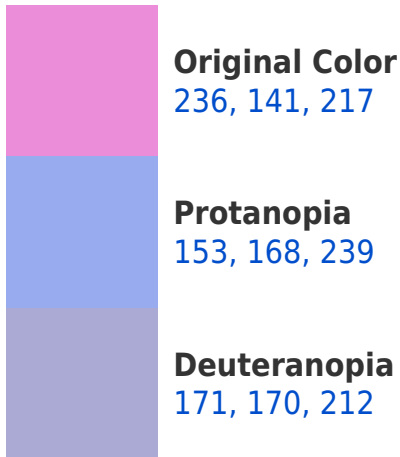


This preview shows how white text looks on a background with the RYB color 236, 141, 217.

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
230, 152, 163

Trichromacy



Original Color

236, 141, 217



Protanomaly

183, 160, 231



Deuteranomaly

195, 159, 214



Tritanomaly

232, 148, 183

Monochromacy



Original Color

236, 141, 217



Achromatopsia

178, 178, 178



Achromatomaly

199, 165, 192

CSS Examples

Text

The CSS property to change the color of the text to RYB 236, 141, 217 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(236, 141, 217) looks like.

```
.text, #text, p{  
    color:rgb(236, 141, 217)  
}
```

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(236, 141, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 141, 217) }
```

Border

The CSS property to change the border of an element to RYB 236, 141, 217 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(236, 141, 217) }
```

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

```
.border{ border-color:rgb(236, 141, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 141, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 141, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 141, 217);  
box-shadow:4px 4px 4px 4px rgb(236, 141,  
217) }
```

Background

The CSS property to change the background color of an element to RGB 236, 141, 217 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 141, 217) }
```

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

```
.background{ background-color: rgb(236,  
141, 217) }
```

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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