

Converting Colors

`RYB(236, 182, 234)`

Have a look what the booklet for
RYB(236, 182, 234) contains.

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Color

$\text{RYB}(236, 182, 234)$

Conversions

Conversions Part 1

Format	Color
Hex	ECB6EA
RGB	236, 182, 234
RGB Percent	93%, 71%, 92%
CMY	0.0745, 0.2863, 0.0824
CMYK	0.00, 0.23, 0.01, 0.07
HSL	302°, 59%, 82%
HSV	302°, 23%, 93%
XYZ	66.1713, 57.2293, 85.4007
YIQ	204.0740, 15.4920, 27.6200

Conversions

Conversions Part 2

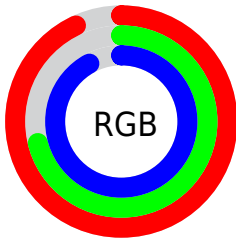
Format	Color
R _Y B	236, 182, 234
Decimal	15513322
CIE Lab	80.31, 28.02, -18.39
CIE LCh	80, 33.522, 326.719
Yxy	57.2293, 0.3169, 0.2741
Android (android.graphics.Color)	4293703402 (0xFFECB6EA)
YUV	204.0740, 14.7535, 27.9991
Hunter-Lab	75.6500, 23.7469, -13.9769

Details

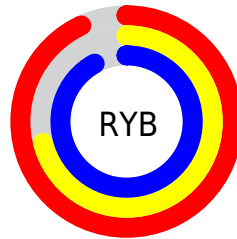
The RYB color **236, 182, 234** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **182, 234, 236**, and the grayscale version is **204, 204, 204**.

A 20% lighter version of the original color is **255, 238, 255**, and **180, 129, 178** is the 20% darker color. If you saturate the color by 10%, you get **236, 158, 233**, and if you desaturate by 10%, it is **236, 206, 235**.

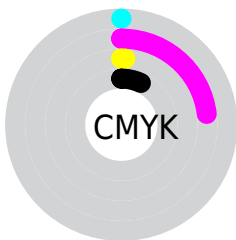
Distribution



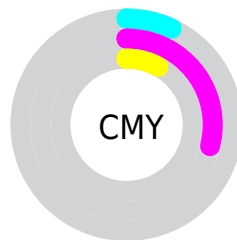
- Red (93%)
- Green (71%)
- Blue (92%)



- Red (93%)
- Yellow (71%)
- Blue (92%)



- Cyan (0%)
- Magenta (23%)
- Yellow (1%)
- Black (7%)



- Cyan (7%)
- Magenta (29%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the RYB color 236, 182, 234 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, 182, 234 by changing the saturation by 10% instead.


 236, 182, 234


255, 255, 255


 255, 238, 255

 236, 182, 234

 207, 155, 206

 180, 129, 178

 152, 103, 151

 126, 78, 125

 100, 55, 100

 76, 32, 76


 52, 8, 53

 34, 0, 32

 0, 0, 4

 236, 182, 234

 236, 182, 234

 236, 158, 233

 236, 206, 235

 236, 135, 232

 236, 229, 236

 236, 111, 231

 236, 252, 253

 236, 88, 231

 236, 254, 255

 236, 64, 230

 236, 253, 255

 236, 40, 229

 236, 252, 255

 236, 17, 228

 236, 252, 255

 236, 0, 227

 236, 251, 255

 236, 250, 255

Harmonies

Analogous

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



199, 192, 255



236, 182, 234



255, 176, 204

Triad

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



236, 182, 234



180, 225, 137



99, 160, 226

Complementary

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



236, 182, 234



182, 234, 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.



121, 174, 216



236, 182, 234



143, 206, 157

Square

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



236, 182, 234



249, 209, 148



156, 206, 213



112, 170, 251

Rectangle

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



236, 182, 234



255, 176, 183



156, 206, 213



103, 160, 216

Sweetspot

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



236, 182, 234



255, 237, 254



184, 182, 236



128, 117, 127



0, 0, 0



128, 128, 128

Same Dimension

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



236, 182, 234



255, 186, 252



236, 182, 207



117, 106, 117



181, 0, 174



54, 0, 52

Inverse Universe

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



236, 182, 234



255, 186, 252



182, 217, 236



117, 106, 117



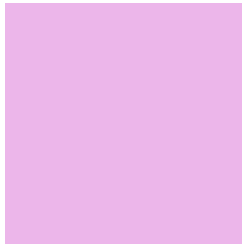
181, 0, 174



54, 0, 52

Previews

White Background



This preview shows how the RYB color 236, 182, 234 looks on a white background.

Color Contrast Check

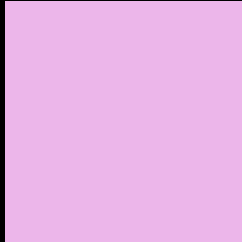
Large Text (above 18pt) WCAG AA × Fail

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, 182, 234 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, 182, 234 Background



This preview shows how black text looks on a background with the RYB color 236, 182, 234.



This preview shows how white text looks on a background with the RYB color 236, 182, 234.

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
236, 182, 234

Protanopia
189, 197, 245

Deuteranopia
203, 195, 232



Tritanopia
232, 188, 202

Trichromacy



Original Color

236, 182, 234



Protanomaly

206, 192, 241



Deuteranomaly

215, 190, 233



Tritanomaly

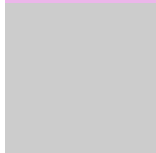
233, 186, 214

Monochromacy



Original Color

236, 182, 234



Achromatopsia

204, 204, 204



Achromatomaly

216, 196, 215

CSS Examples

Text

The CSS property to change the color of the text to RYB 236, 182, 234 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, 182, 234) looks like.

```
.text, #text, p{  
    color:rgb(236, 182, 234)  
}
```

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, 182, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 182, 234) }
```

Border

The CSS property to change the border of an element to RYB 236, 182, 234 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, 182, 234) }
```

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

```
.border{ border-color:rgb(236, 182, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 182, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 182, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 182, 234);  
box-shadow:4px 4px 4px 4px rgb(236, 182,  
234) }
```

Background

The CSS property to change the background color of an element to RYB 236, 182, 234 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 182, 234) }
```

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

```
.background{ background-color: rgb(236,  
182, 234) }
```

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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