

Converting Colors

`RYB(238, 182, 227)`

Have a look what the booklet for RYB(238, 182, 227) contains.

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Color

R_YB(238, 182, 227)

Conversions

Conversions Part 1

Format	Color
Hex	EEB6E3
RGB	238, 182, 227
RGB Percent	93%, 71%, 89%
CMY	0.0667, 0.2863, 0.1098
CMYK	0.00, 0.24, 0.05, 0.07
HSL	312°, 62%, 82%
HSV	312°, 24%, 93%
XYZ	65.8530, 57.1791, 80.2389
YIQ	203.8740, 18.9310, 25.8670

Conversions

Conversions Part 2

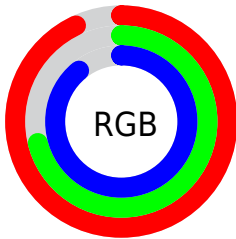
Format	Color
R _Y B	238, 182, 227
Decimal	15644387
CIE Lab	80.28, 27.43, -14.65
CIE LCh	80, 31.100, 331.897
Yxy	57.1791, 0.3240, 0.2813
Android (android.graphics.Color)	4293834467 (0xFFEEB6E3)
YUV	203.8740, 11.4011, 29.9285
Hunter-Lab	75.6169, 23.1220, -9.9823

Details

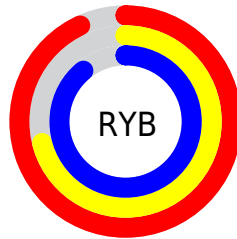
The RYB color **238, 182, 227** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **182, 229, 238**, and the grayscale version is **204, 204, 204**.

A 20% lighter version of the original color is **255, 238, 255**, and **181, 129, 172** is the 20% darker color. If you saturate the color by 10%, you get **238, 158, 222**, and if you desaturate by 10%, it is **238, 206, 232**.

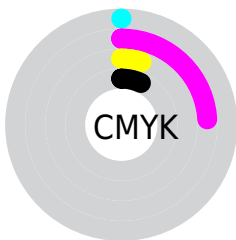
Distribution



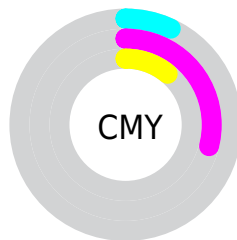
- Red (93%)
- Green (71%)
- Blue (89%)



- Red (93%)
- Yellow (71%)
- Blue (89%)



- Cyan (0%)
- Magenta (24%)
- Yellow (5%)
- Black (7%)




- Cyan (7%)
- Magenta (29%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the RYB color 238, 182, 227 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, 182, 227 by changing the saturation by 10% instead.


 238, 182, 227


 238, 182, 227

255, 255, 255

 209, 155, 199

 255, 238, 255

 181, 129, 172

 154, 103, 145

 128, 78, 119

 102, 55, 95

 77, 32, 71

 53, 8, 48

 35, 0, 28

 0, 0, 0

■ 238, 182, 227

■ 238, 182, 227

■ 238, 158, 222

■ 238, 206, 232

■ 238, 134, 218

■ 238, 230, 236

■ 238, 111, 213

■ 238, 251, 253

■ 238, 87, 208

■ 238, 250, 255

■ 238, 63, 204

■ 238, 248, 255

■ 238, 39, 199

■ 238, 247, 255

■ 238, 15, 194

■ 238, 0, 191

Harmonies

Analogous

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



206, 191, 248



238, 182, 227



255, 178, 198

Triad

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



238, 182, 227



168, 218, 141



110, 165, 229

Complementary

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



238, 182, 227



182, 229, 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.



123, 173, 215



238, 182, 227



149, 207, 169

Square

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



238, 182, 227



243, 216, 149



153, 199, 213



127, 176, 250

Rectangle

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



238, 182, 227



255, 179, 179



153, 199, 213



111, 164, 220

Sweetspot

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



238, 182, 227



255, 237, 251



192, 182, 238



128, 117, 125



0, 0, 0



128, 128, 128

Same Dimension

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



238, 182, 227



255, 184, 241



238, 182, 200



120, 108, 117



184, 0, 148



56, 0, 45

Inverse Universe

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



238, 182, 227



255, 184, 241



182, 215, 238



120, 108, 117



184, 0, 148



56, 0, 45

Previews

White Background



This preview shows how the RYB color 238, 182, 227 looks on a white background.

Color Contrast Check

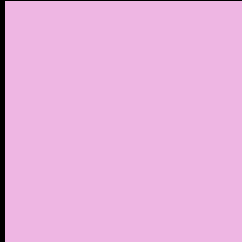
Large Text (above 18pt) WCAG AA × Fail

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, 182, 227 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

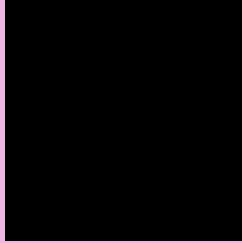
Any Text WCAG AA ✓ Pass

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, 182, 227 Background



This preview shows how black text looks on a background with the RYB color 238, 182, 227.



This preview shows how white text looks on a background with the RYB color 238, 182, 227.

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, 182, 227

Protanopia
191, 197, 237

Deuteranopia
207, 194, 225



Tritanopia
235, 187, 201

Trichromacy



Original Color

238, 182, 227



Protanomaly

208, 192, 233



Deuteranomaly

218, 190, 226



Tritanomaly

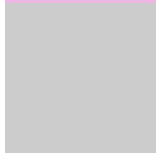
236, 185, 210

Monochromacy



Original Color

238, 182, 227



Achromatopsia

204, 204, 204



Achromatomaly

216, 196, 212

CSS Examples

Text

The CSS property to change the color of the text to RYB 238, 182, 227 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, 182, 227) looks like.

```
.text, #text, p{  
    color:rgb(238, 182, 227)  
}
```

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, 182, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 182, 227) }
```

Border

The CSS property to change the border of an element to RYB 238, 182, 227 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, 182, 227) }
```

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

```
.border{ border-color:rgb(238, 182, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 182, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 182, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 182, 227);  
box-shadow:4px 4px 4px 4px rgb(238, 182,  
227) }
```

Background

The CSS property to change the background color of an element to RGB 238, 182, 227 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 182, 227) }
```

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

```
.background{ background-color: rgb(238,  
182, 227) }
```

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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