

Converting Colors

`RYB(238, 198, 247)`

Have a look what the booklet for
RYB(238, 198, 247) contains.

RYB(238, 198, 247)	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

R_YB(238, 198, 247)

Conversions

Conversions Part 1

Format	Color
Hex	EEC6F7
RGB	238, 198, 247
RGB Percent	93%, 78%, 97%
CMY	0.0667, 0.2235, 0.0314
CMYK	0.04, 0.20, 0.00, 0.03
HSL	289°, 75%, 87%
HSV	289°, 20%, 97%
XYZ	72.2425, 65.2807, 96.7885
YIQ	215.5460, 8.1110, 23.7190

Conversions

Conversions Part 2

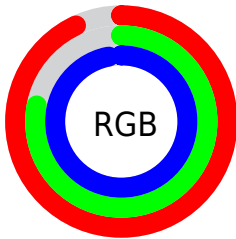
Format	Color
R_{YB}	238, 198, 247
Decimal	15648503
CIE _{Lab}	84.63, 22.56, -18.81
CIE _{LCh}	85, 29.372, 320.189
Yxy	65.2807, 0.3083, 0.2786
Android (android.graphics.Color)	4293838583 (0xFFEEC6F7)
YUV	215.5460, 15.5068, 19.6922
Hunter-Lab	80.7965, 18.2082, -14.4677

Details

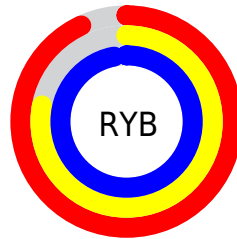
The RYB color **238, 198, 247** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **198, 247, 238**, and the grayscale version is **215, 215, 215**.

A 20% lighter version of the original color is 255, 255, 255, and **182, 144, 191** is the 20% darker color. If you saturate the color by 10%, you get **233, 173, 247**, and if you desaturate by 10%, it is **243, 223, 247**.

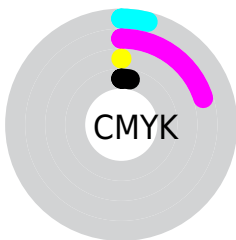
Distribution



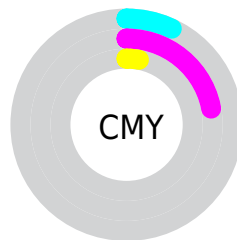
- Red (93%)
- Green (78%)
- Blue (97%)



- Red (93%)
- Yellow (78%)
- Blue (97%)



- Cyan (4%)
- Magenta (20%)
- Yellow (0%)
- Black (3%)



- Cyan (7%)
- Magenta (22%)
- Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the RYB color 238, 198, 247 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, 198, 247 by changing the saturation by 10% instead.

 238, 198, 247

 238, 198, 247

255, 255, 255


 210, 171, 218

 182, 144, 191

 155, 118, 163

 128, 93, 137

 103, 69, 112

 78, 46, 87

 55, 24, 64

 33, 1, 42

 0, 1, 20

■ 238, 198, 247

■ 238, 198, 247

■ 233, 173, 247

■ 243, 223, 247

■ 229, 149, 247

■ 247, 247, 247

■ 224, 124, 247

■ 247, 255, 250

■ 220, 99, 247

■ 247, 255, 247

■ 215, 75, 247

■ 211, 50, 247

■ 206, 25, 247

■ 202, 0, 247

Harmonies

Analogous

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



203, 207, 255



238, 198, 247



255, 192, 222

Triad

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



238, 198, 247



215, 240, 157



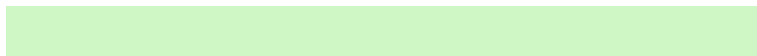
131, 179, 229

Complementary

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



238, 198, 247



198, 247, 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.



150, 195, 226



238, 198, 247



159, 215, 162

Square

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



238, 198, 247



255, 210, 170



175, 222, 217



136, 186, 253

Rectangle

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



238, 198, 247



255, 191, 203



175, 222, 217



135, 183, 227

Sweetspot

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



238, 198, 247



252, 240, 255



198, 206, 247



126, 119, 128



0, 0, 0



128, 128, 128

Same Dimension

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



238, 198, 247



244, 194, 255



247, 198, 232



120, 110, 122



152, 0, 186



48, 0, 59

Inverse Universe

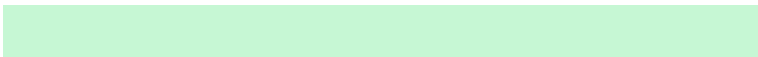
The Inverse Universe completely reimagines the original color for something new.



247, 198, 207



255, 194, 205



198, 236, 247



122, 110, 112



186, 0, 34



59, 0, 11

Previews

White Background



This preview shows how the RYB color 238, 198, 247 looks on a white background.

Color Contrast Check

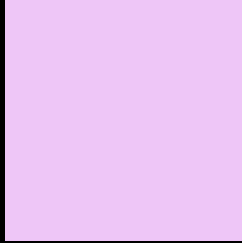
Large Text (above 18pt) WCAG AA × Fail

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, 198, 247 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, 198, 247 Background



This preview shows how black text looks on a background with the RYB color 238, 198, 247.

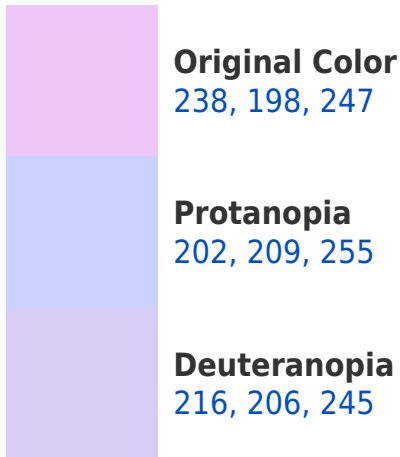


This preview shows how white text looks on a background with the RYB color 238, 198, 247.

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
234, 203, 219

Trichromacy



Original Color

238, 198, 247



Protanomaly

215, 206, 252



Deuteranomaly

224, 203, 246



Tritanomaly

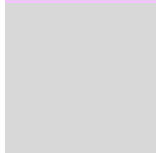
235, 201, 229

Monochromacy



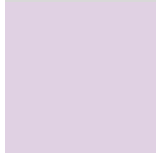
Original Color

238, 198, 247



Achromatopsia

216, 216, 216



Achromatomaly

224, 209, 227

CSS Examples

Text

The CSS property to change the color of the text to RYB 238, 198, 247 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, 198, 247) looks like.

```
.text, #text, p{  
    color:rgb(238, 198, 247)  
}
```

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, 198, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 198, 247) }
```

Border

The CSS property to change the border of an element to RYB 238, 198, 247 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, 198, 247) }
```

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

```
.border{ border-color:rgb(238, 198, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 198, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 198, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 198, 247);  
box-shadow:4px 4px 4px 4px rgb(238, 198,  
247) }
```

Background

The CSS property to change the background color of an element to RGB 238, 198, 247 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 198, 247) }
```

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

```
.background{ background-color: rgb(238,  
198, 247) }
```

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