

Converting Colors

`RYB(248, 201, 254)`

Have a look what the booklet for
RYB(248, 201, 254) contains.

RYB(248, 201, 254)	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(248, 201, 254)

Conversions

Conversions Part 1

Format	Color
Hex	F8C9FE
RGB	248, 201, 254
RGB Percent	97%, 79%, 100%
CMY	0.0275, 0.2118, 0.0039
CMYK	0.02, 0.21, 0.00, 0.00
HSL	293°, 96%, 89%
HSV	293°, 21%, 100%
XYZ	77.4874, 68.8855, 102.9781
YIQ	221.0950, 10.9990, 26.4470

Conversions

Conversions Part 2

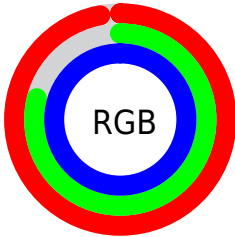
Format	Color
R _Y B	248, 201, 254
Decimal	16304638
CIE Lab	86.45, 25.51, -19.68
CIE LCh	86, 32.219, 322.343
Yxy	68.8855, 0.3108, 0.2763
Android (android.graphics.Color)	4294494718 (0xFFF8C9FE)
YUV	221.0950, 16.2222, 23.5957
Hunter-Lab	82.9973, 21.4048, -15.4654

Details

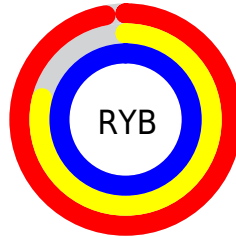
The RYB color **248, 201, 254** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **201, 254, 248**, and the grayscale version is **221, 221, 221**.

A 20% lighter version of the original color is 255, 255, 255, and **191, 147, 197** is the 20% darker color. If you saturate the color by 10%, you get **245, 176, 254**, and if you desaturate by 10%, it is **251, 226, 254**.

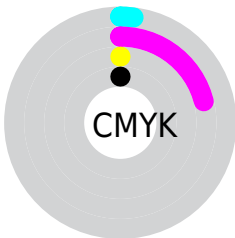
Distribution



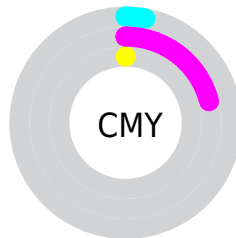
- Red (97%)
- Green (79%)
- Blue (100%)



- Red (97%)
- Yellow (79%)
- Blue (100%)



- Cyan (2%)
- Magenta (21%)
- Yellow (0%)
- Black (0%)



- Cyan (3%)
- Magenta (21%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the RYB color 248, 201, 254 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 248, 201, 254 by changing the saturation by 10% instead.

 248, 201, 254

 248, 201, 254


255, 255, 255

 219, 173, 225

 191, 147, 197

 164, 121, 170


 137, 96, 143

 111, 71, 118

 86, 48, 93


 62, 26, 69


 39, 3, 47


 11, 0, 26

 248, 201, 254

 248, 201, 254

 245, 176, 254


 251, 226, 254

 242, 150, 254


 254, 252, 254

 239, 125, 254

254, 255, 254

 236, 99, 254

 234, 74, 254

 231, 49, 254

 228, 23, 254

 225, 0, 254

Harmonies

Analogous

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



210, 211, 255



248, 201, 254



255, 195, 225

Triad

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



248, 201, 254



211, 246, 156



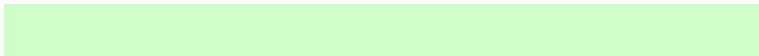
125, 180, 238

Complementary

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



248, 201, 254



201, 254, 248

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.



146, 197, 233



248, 201, 254



159, 222, 166

Square

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



248, 201, 254



255, 223, 169



178, 229, 227



132, 186, 255

Rectangle

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



248, 201, 254



255, 194, 205



178, 229, 227



129, 183, 234

Sweetspot

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



248, 201, 254



253, 240, 255



201, 206, 254



126, 119, 128



0, 0, 0



128, 128, 128

Same Dimension

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



248, 201, 254



248, 191, 255



254, 201, 234



126, 115, 128



170, 0, 191



57, 0, 64

Inverse Universe

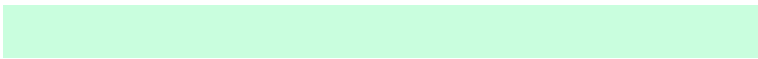
The Inverse Universe completely reimagines the original color for something new.



254, 201, 207



255, 191, 198



201, 239, 254



128, 115, 116



191, 0, 22



64, 0, 7

Previews

White Background



This preview shows how the RYB color 248, 201, 254 looks on a white background.

Color Contrast Check

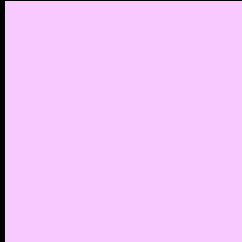
Large Text (above 18pt) WCAG AA × Fail

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 248, 201, 254 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 248, 201, 254 Background



This preview shows how black text looks on a background with the RYB color 248, 201, 254.



This preview shows how white text looks on a background with the RYB color 248, 201, 254.

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
248, 201, 254

Protanopia
208, 214, 255

Deuteranopia
221, 211, 252



Tritanopia
243, 207, 223

Trichromacy



Original Color

248, 201, 254



Protanomaly

223, 210, 255



Deuteranomaly

231, 207, 253



Tritanomaly

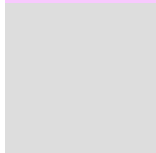
245, 205, 234

Monochromacy



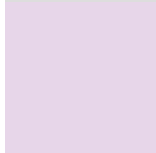
Original Color

248, 201, 254



Achromatopsia

221, 221, 221



Achromatomaly

231, 214, 233

CSS Examples

Text

The CSS property to change the color of the text to RYB 248, 201, 254 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(248, 201, 254) looks like.

```
.text, #text, p{  
    color:rgb(248, 201, 254)  
}
```

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(248, 201, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 201, 254) }
```

Border

The CSS property to change the border of an element to RYB 248, 201, 254 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(248, 201, 254) }
```

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

```
.border{ border-color:rgb(248, 201, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 201, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(248, 201, 254); -webkit-box-shadow:4px 4px 4px 4px rgb(248, 201, 254); box-shadow:4px 4px 4px 4px rgb(248, 201, 254) }
```

Background

The CSS property to change the background color of an element to RYB 248, 201, 254 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 201, 254) }
```

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

```
.background{ background-color: rgb(248,  
201, 254) }
```

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