

Converting Colors

RGB(249, 201, 252)

Have a look what the booklet for
RGB(249, 201, 252) contains.

RGB(249, 201, 252)	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

RGB(249, 201, 252)

Conversions

Conversions Part 1

Format	Color
Hex	F9C9FC
RGB	249, 201, 252
RGB Percent	98%, 79%, 99%
CMY	0.0235, 0.2118, 0.0118
CMYK	0.01, 0.20, 0.00, 0.01
HSL	296°, 89%, 89%
HSV	296°, 20%, 99%
XYZ	77.5243, 68.9413, 101.3165
YIQ	221.1660, 12.2370, 26.0370

Conversions

Conversions Part 2

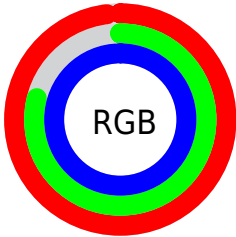
Format	Color
R _Y B	249, 201, 252
Decimal	16370172
CIE _{Lab}	86.47, 25.46, -18.57
CIE _{LCh}	86, 31.517, 323.889
Y _{xy}	68.9413, 0.3129, 0.2782
Android (android.graphics.Color)	4294560252 (0xFFFF9C9FC)
Y _{UV}	221.1660, 15.2012, 24.4104
Hunter-Lab	83.0309, 21.3577, -14.2256

Details

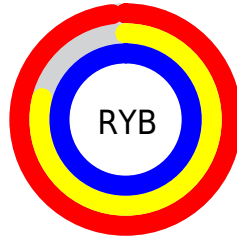
The RGB color **249, 201, 252** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **204, 252, 201**, and the grayscale version is **221, 221, 221**.

A 20% lighter version of the original color is 255, 255, 255, and **192, 147, 195** is the 20% darker color. If you saturate the color by 10%, you get **248, 176, 252**, and if you desaturate by 10%, it is **250, 226, 252**.

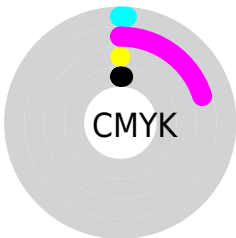
Distribution



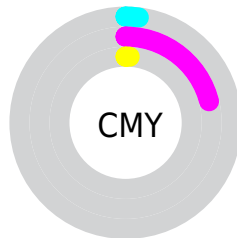
- Red (98%)
- Green (79%)
- Blue (99%)



- Red (98%)
- Yellow (79%)
- Blue (99%)



- Cyan (1%)
- Magenta (20%)
- Yellow (0%)
- Black (1%)



- Cyan (2%)
- Magenta (21%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the RGB color 249, 201, 252 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 RGB color 249, 201, 252 by changing the saturation by 10% instead.

 249, 201, 252

 249, 201, 252

255, 255, 255

 220, 173, 223

 192, 147, 195

 165, 121, 168

 138, 96, 142

 112, 71, 116

 87, 48, 91

 63, 26, 68

 40, 3, 45

 12, 0, 24

 249, 201, 252

 249, 201, 252

 248, 176, 252


 250, 226, 252

 246, 151, 252

 252, 251, 252

 245, 125, 252


 253, 255, 252

 243, 100, 252

255, 255, 252

 242, 75, 252

255, 255, 252

 240, 50, 252

 239, 25, 252

 237, 0, 252

Harmonies

Analogous

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



213, 211, 255



249, 201, 252



255, 195, 224

Triad

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



249, 201, 252



244, 212, 157



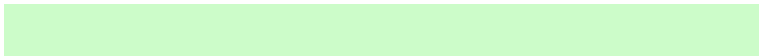
127, 233, 240

Complementary

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



249, 201, 252



204, 252, 201

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.



147, 233, 209



249, 201, 252



213, 222, 161

Square

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



249, 201, 252



255, 203, 169



179, 229, 180



136, 229, 255

Rectangle

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



249, 201, 252



255, 195, 203



179, 229, 180



131, 233, 230

Sweetspot

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



249, 201, 252



254, 240, 255



201, 204, 252



127, 119, 128



0, 0, 0



128, 128, 128

Same Dimension

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



249, 201, 252



251, 194, 255



252, 201, 230



124, 112, 125



178, 0, 189



58, 0, 61

Inverse Universe

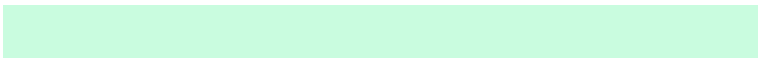
The Inverse Universe completely reimagines the original color for something new.



252, 201, 204



255, 194, 197



201, 252, 223



125, 112, 113



189, 0, 11



61, 0, 4

Previews

White Background



This preview shows how the RGB color 249, 201, 252 looks on a white background.

Color Contrast Check

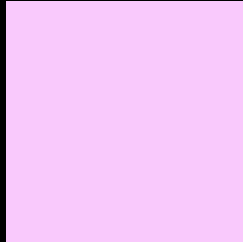
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RGB color 249, 201, 252 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](#).

RGB 249, 201, 252 Background



This preview shows how black text looks on a background with the RGB color 249, 201, 252.

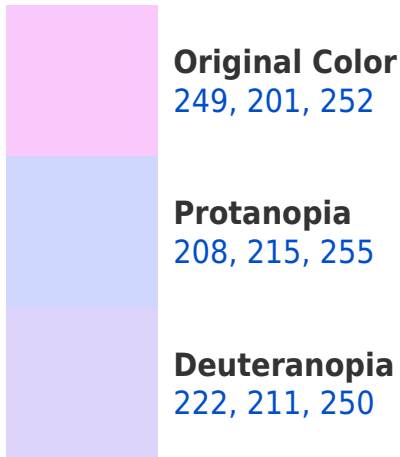


This preview shows how white text looks on a background with the RGB color 249, 201, 252.

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
245, 206, 222

Trichromacy



Original Color

249, 201, 252



Protanomaly

223, 210, 254



Deuteranomaly

232, 207, 251



Tritanomaly

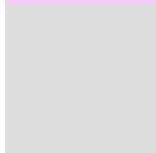
246, 204, 233

Monochromacy



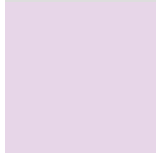
Original Color

249, 201, 252



Achromatopsia

221, 221, 221



Achromatomaly

231, 214, 232

CSS Examples

Text

The CSS property to change the color of the text to RGB 249, 201, 252 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(249, 201, 252)` looks like.

```
.text, #text, p{  
    color:rgb(249, 201, 252)  
}
```

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(249, 201, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 201, 252) }
```

Border

The CSS property to change the border of an element to RGB 249, 201, 252 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(249, 201, 252) }
```

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

```
.border{ border-color:rgb(249, 201, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 201, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 201, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 201, 252);  
box-shadow:4px 4px 4px 4px rgb(249, 201,  
252) }
```

Background

The CSS property to change the background color of an element to RGB 249, 201, 252 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 201, 252) }
```

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

```
.background{ background-color: rgb(249,  
201, 252) }
```

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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