

Converting Colors

RGB(249, 182, 237)

Have a look what the booklet for
RGB(249, 182, 237) contains.

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Color

RGB(249, 182, 237)

Conversions

Conversions Part 1

Format	Color
Hex	F9B6ED
RGB	249, 182, 237
RGB Percent	98%, 71%, 93%
CMY	0.0235, 0.2863, 0.0706
CMYK	0.00, 0.27, 0.05, 0.02
HSL	311°, 85%, 85%
HSV	311°, 27%, 98%
XYZ	71.0809, 59.7101, 87.8996
YIQ	208.3030, 22.2770, 31.3090

Conversions

Conversions Part 2

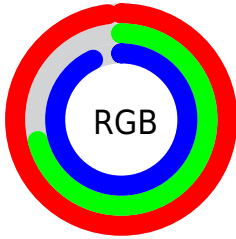
Format	Color
R _Y B	249, 182, 237
Decimal	16365293
CIE Lab	81.68, 32.81, -17.81
CIE LCh	82, 37.332, 331.504
Yxy	59.7101, 0.3250, 0.2730
Android (android.graphics.Color)	4294555373 (0xFFF9B6ED)
YUV	208.3030, 14.1476, 35.6913
Hunter-Lab	77.2723, 28.9714, -13.3536

Details

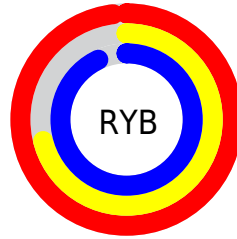
The RGB color **249, 182, 237** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **182, 249, 194**, and the grayscale version is **208, 208, 208**.

A 20% lighter version of the original color is **255, 238, 255**, and **192, 128, 181** is the 20% darker color. If you saturate the color by 10%, you get **249, 157, 233**, and if you desaturate by 10%, it is **249, 207, 241**.

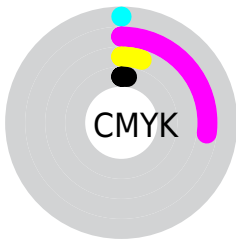
Distribution



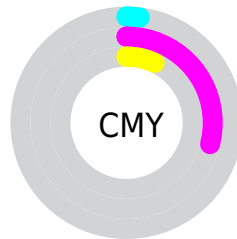
- Red (98%)
- Green (71%)
- Blue (93%)



- Red (98%)
- Yellow (71%)
- Blue (93%)



- Cyan (0%)
- Magenta (27%)
- Yellow (5%)
- Black (2%)



- Cyan (2%)
- Magenta (29%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the RGB color 249, 182, 237 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, 182, 237 by changing the saturation by 10% instead.

 249, 182, 237


 249, 182, 237

255, 255, 255


 220, 155, 209

 255, 238, 255

 192, 128, 181

 164, 103, 154

 137, 78, 128

 111, 53, 103

 86, 30, 79

 61, 4, 56

 40, 0, 34

 0, 0, 8

■ 249, 182, 237

■ 249, 182, 237

■ 249, 157, 233

■ 249, 207, 241

■ 249, 132, 228

■ 249, 232, 246

■ 249, 107, 224

■ 249, 255, 250

■ 249, 82, 219

■ 249, 255, 255

■ 249, 57, 215

■ 249, 255, 255

■ 249, 33, 210

■ 249, 8, 206

■ 249, 0, 204

Harmonies

Analogous

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



210, 193, 255



249, 182, 237



255, 177, 203

Triad

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



249, 182, 237



225, 201, 133



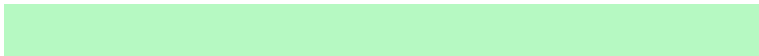
82, 221, 238

Complementary

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



249, 182, 237



182, 249, 194

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.



106, 222, 204



249, 182, 237



188, 212, 142

Square

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



249, 182, 237



254, 189, 143



147, 219, 169



106, 215, 255

Rectangle

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



249, 182, 237



255, 178, 179



147, 219, 169



86, 222, 227

Sweetspot

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



249, 182, 237



255, 235, 251



193, 182, 249



128, 115, 125



0, 0, 0



128, 128, 128

Same Dimension

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



249, 182, 237



255, 173, 240



249, 182, 204



125, 112, 123



189, 0, 155



61, 0, 50

Inverse Universe

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



249, 182, 237



255, 173, 240



182, 249, 227



125, 112, 123



189, 0, 155



61, 0, 50

Previews

White Background



This preview shows how the RGB color 249, 182, 237 looks on a white background.

Color Contrast Check

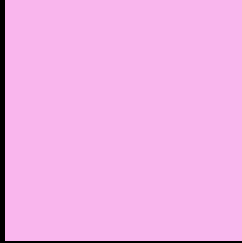
Large Text (above 18pt) WCAG AA × Fail

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, 182, 237 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, 182, 237 Background



This preview shows how black text looks on a background with the RGB color 249, 182, 237.



This preview shows how white text looks on a background with the RGB color 249, 182, 237.

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
249, 182, 237

Protanopia
192, 201, 250

Deuteranopia
209, 198, 234



Tritanopia
245, 188, 203

Trichromacy



Original Color

249, 182, 237



Protanomaly

213, 194, 245



Deuteranomaly

224, 192, 235



Tritanomaly

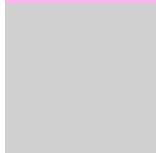
246, 186, 215

Monochromacy



Original Color

249, 182, 237



Achromatopsia

208, 208, 208



Achromatomaly

223, 199, 219

CSS Examples

Text

The CSS property to change the color of the text to RGB 249, 182, 237 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, 182, 237) looks like.

```
.text, #text, p{  
    color:rgb(249, 182, 237)  
}
```

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, 182, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 182, 237) }
```

Border

The CSS property to change the border of an element to RGB 249, 182, 237 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, 182, 237) }
```

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

```
.border{ border-color:rgb(249, 182, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 182, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 182, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 182, 237);  
box-shadow:4px 4px 4px 4px rgb(249, 182,  
237) }
```

Background

The CSS property to change the background color of an element to RGB 249, 182, 237 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 182, 237) }
```

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

```
.background{ background-color: rgb(249,  
182, 237) }
```

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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