

Converting Colors

RGB(249, 188, 217)

Have a look what the booklet for
RGB(249, 188, 217) contains.

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Color

RGB(249, 188, 217)

Conversions

Conversions Part 1

Format	Color
Hex	F9BCD9
RGB	249, 188, 217
RGB Percent	98%, 74%, 85%
CMY	0.0235, 0.2627, 0.1490
CMYK	0.00, 0.24, 0.13, 0.02
HSL	331°, 84%, 86%
HSV	331°, 24%, 98%
XYZ	69.5745, 61.1159, 73.7752
YIQ	209.5450, 27.0470, 21.9510

Conversions

Conversions Part 2

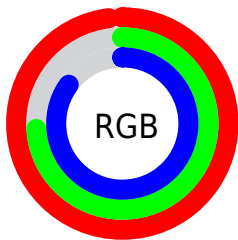
Format	Color
R _Y B	249, 188, 217
Decimal	16366809
CIE Lab	82.44, 26.30, -5.94
CIE LCh	82, 26.964, 347.280
Yxy	61.1159, 0.3403, 0.2989
Android (android.graphics.Color)	4294556889 (0xFFF9BCD9)
YUV	209.5450, 3.6753, 34.6020
Hunter-Lab	78.1767, 22.0496, -1.2282

Details

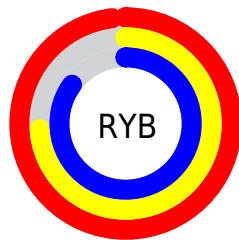
The RGB color **249, 188, 217** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **188, 249, 220**, and the grayscale version is **209, 209, 209**.

A 20% lighter version of the original color is **255, 245, 255**, and **192, 134, 162** is the 20% darker color. If you saturate the color by 10%, you get **249, 163, 204**, and if you desaturate by 10%, it is **249, 213, 230**.

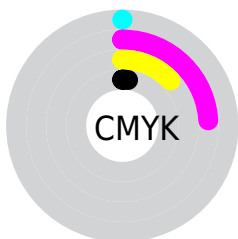
Distribution



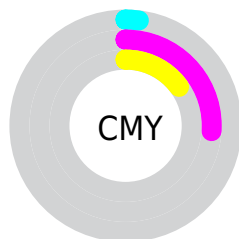
- Red (98%)
- Green (74%)
- Blue (85%)



- Red (98%)
- Yellow (74%)
- Blue (85%)



- Cyan (0%)
- Magenta (24%)
- Yellow (13%)
- Black (2%)



- Cyan (2%)
- Magenta (26%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the RGB color 249, 188, 217 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, 188, 217 by changing the saturation by 10% instead.


 249, 188, 217

255, 255, 255

 255, 245, 255


 249, 188, 217

 220, 161, 189


 192, 134, 162

 164, 109, 136

 137, 84, 111

 111, 60, 86

 86, 37, 63


 61, 14, 41

 40, 0, 21

 0, 0, 0

 249, 188, 217

 249, 188, 217

 249, 163, 204

 249, 213, 230


 249, 138, 191

 249, 238, 243


 249, 113, 178

 249, 255, 255

 249, 88, 165

 249, 64, 152

 249, 39, 139

 249, 14, 126

 249, 0, 118

Harmonies

Analogous

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



227, 194, 240



249, 188, 217



255, 187, 191

Triad

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



249, 188, 217



209, 208, 157



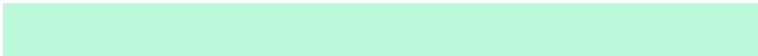
136, 217, 241

Complementary

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



249, 188, 217



188, 249, 220

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.



134, 219, 219



249, 188, 217



180, 215, 170

Square

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



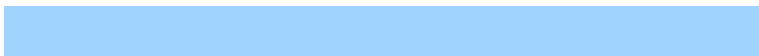
249, 188, 217



234, 200, 156



152, 219, 193



160, 211, 254

Rectangle

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



249, 188, 217



255, 190, 176



152, 219, 193



133, 218, 235

Sweetspot

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



249, 188, 217



255, 237, 246



220, 188, 249



128, 117, 122



0, 0, 0



128, 128, 128

Same Dimension

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



249, 188, 217



255, 181, 216



249, 189, 188



125, 112, 118



189, 0, 90



61, 0, 29

Inverse Universe

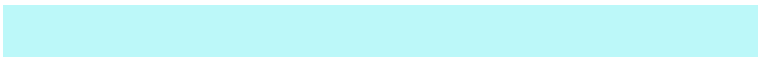
The Inverse Universe completely reimagines the original color for something new.



249, 188, 217



255, 181, 216



188, 248, 249



125, 112, 118



189, 0, 90



61, 0, 29

Previews

White Background



This preview shows how the RGB color 249, 188, 217 looks on a white background.

Color Contrast Check

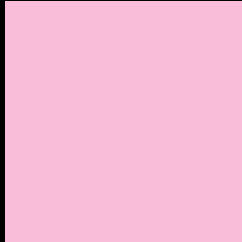
Large Text (above 18pt) WCAG AA × Fail

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, 188, 217 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, 188, 217 Background



This preview shows how black text looks on a background with the RGB color 249, 188, 217.



This preview shows how white text looks on a background with the RGB color 249, 188, 217.

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, 188, 217

Protanopia
203, 204, 227

Deuteranopia
221, 199, 215



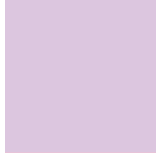
Tritanopia
247, 190, 205

Trichromacy



Original Color

249, 188, 217



Protanomaly

220, 198, 223



Deuteranomaly

231, 195, 216



Tritanomaly

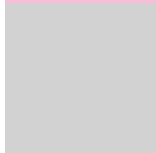
248, 189, 209

Monochromacy



Original Color

249, 188, 217



Achromatopsia

210, 210, 210



Achromatomaly

224, 202, 213

CSS Examples

Text

The CSS property to change the color of the text to RGB 249, 188, 217 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, 188, 217) looks like.

```
.text, #text, p{  
    color:rgb(249, 188, 217)  
}
```

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, 188, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 188, 217) }
```

Border

The CSS property to change the border of an element to RGB 249, 188, 217 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, 188, 217) }
```

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

```
.border{ border-color:rgb(249, 188, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 188, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 188, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 188, 217);  
box-shadow:4px 4px 4px 4px rgb(249, 188,  
217) }
```

Background

The CSS property to change the background color of an element to RGB 249, 188, 217 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 188, 217) }
```

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

```
.background{ background-color: rgb(249,  
188, 217) }
```

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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