

Converting Colors

RGB(249, 197, 247)

Have a look what the booklet for
RGB(249, 197, 247) contains.

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Color

RGB(249, 197, 247)

Conversions

Conversions Part 1

Format	Color
Hex	F9C5F7
RGB	249, 197, 247
RGB Percent	98%, 77%, 97%
CMY	0.0235, 0.2275, 0.0314
CMYK	0.00, 0.21, 0.01, 0.02
HSL	302°, 81%, 87%
HSV	302°, 21%, 98%
XYZ	75.8217, 66.7876, 96.8908
YIQ	218.2480, 14.9420, 26.5740

Conversions

Conversions Part 2

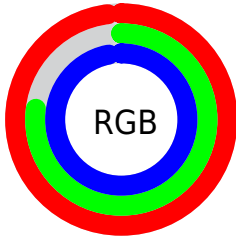
Format	Color
R _Y B	249, 197, 247
Decimal	16369143
CIE Lab	85.40, 26.66, -17.55
CIE LCh	85, 31.921, 326.651
Yxy	66.7876, 0.3166, 0.2789
Android (android.graphics.Color)	4294559223 (0xFFFF9C5F7)
YUV	218.2480, 14.1747, 26.9695
Hunter-Lab	81.7237, 22.5924, -13.0870

Details

The RGB color **249, 197, 247** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **197, 249, 199**, and the grayscale version is **218, 218, 218**.

A 20% lighter version of the original color is 255, 254, 255, and **192, 143, 191** is the 20% darker color. If you saturate the color by 10%, you get **249, 172, 246**, and if you desaturate by 10%, it is **249, 222, 248**.

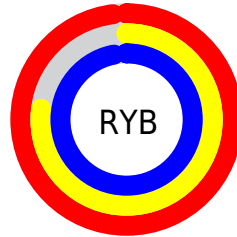
Distribution



Red (98%)

Green (77%)

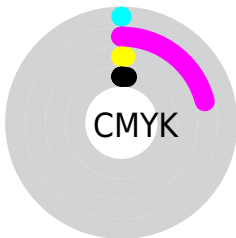
Blue (97%)



Red (98%)

Yellow (77%)

Blue (97%)

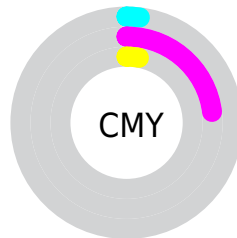


Cyan (0%)

Magenta (21%)

Yellow (1%)

Black (2%)



Cyan (2%)

Magenta (23%)

Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the RGB color 249, 197, 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 RGB color 249, 197, 247 by changing the saturation by 10% instead.

 249, 197, 247

 249, 197, 247

255, 255, 255

 220, 170, 218

255, 254, 255

 192, 143, 191

 165, 117, 163

 138, 92, 137

 112, 68, 112

 87, 44, 87

 63, 22, 64

 40, 0, 42

 7, 0, 20

 249, 197, 247

 249, 197, 247

 249, 172, 246

 249, 222, 248

 249, 147, 245


 249, 247, 249

 249, 122, 244

 249, 255, 250

 249, 97, 243

 249, 255, 251

 249, 72, 242

 249, 255, 252

 249, 48, 241

 249, 255, 253

 249, 23, 240

 249, 255, 254

 249, 0, 239

 249, 255, 255

 249, 255, 255

Harmonies

Analogous

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



213, 207, 255



249, 197, 247



255, 192, 218

Triad

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



249, 197, 247



238, 210, 153



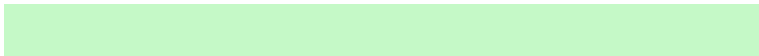
122, 230, 239

Complementary

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



249, 197, 247



197, 249, 199

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.



140, 230, 209



249, 197, 247



207, 220, 159

Square

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



249, 197, 247



255, 200, 164



172, 227, 179



134, 225, 255

Rectangle

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



249, 197, 247



255, 192, 197



172, 227, 179



125, 230, 230

Sweetspot

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



249, 197, 247



255, 240, 254



199, 197, 249



128, 119, 127



0, 0, 0



128, 128, 128

Same Dimension

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



249, 197, 247



255, 191, 253



249, 197, 221



125, 112, 124



189, 0, 181



61, 0, 59

Inverse Universe

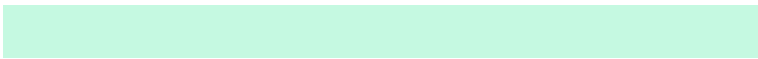
The Inverse Universe completely reimagines the original color for something new.



249, 197, 247



255, 191, 253



197, 249, 225



125, 112, 124



189, 0, 181



61, 0, 59

Previews

White Background



This preview shows how the RGB color 249, 197, 247 looks on a white background.

Color Contrast Check

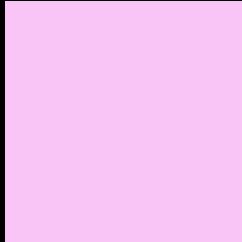
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RGB color 249, 197, 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](#).

RGB 249, 197, 247 Background



This preview shows how black text looks on a background with the RGB color 249, 197, 247.



This preview shows how white text looks on a background with the RGB color 249, 197, 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



Original Color
249, 197, 247

Protanopia
204, 212, 255

Deuteranopia
220, 208, 245



Tritanopia
245, 202, 218

Trichromacy



Original Color

249, 197, 247



Protanomaly

220, 207, 252



Deuteranomaly

231, 204, 246



Tritanomaly

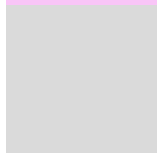
246, 200, 229

Monochromacy



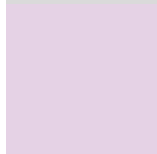
Original Color

249, 197, 247



Achromatopsia

218, 218, 218



Achromatomaly

229, 210, 229

CSS Examples

Text

The CSS property to change the color of the text to RGB 249, 197, 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(249, 197, 247)` looks like.

```
.text, #text, p{  
    color:rgb(249, 197, 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(249, 197, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 197, 247) }
```

Border

The CSS property to change the border of an element to RGB 249, 197, 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(249, 197, 247) }
```

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

```
.border{ border-color:rgb(249, 197, 247) }
```

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

Here you see how a box with a 4 pixel rgb(249, 197, 247) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 197, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 197, 247);  
box-shadow:4px 4px 4px 4px rgb(249, 197,  
247) }
```

Background

The CSS property to change the background color of an element to RGB 249, 197, 247 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 197, 247) }
```

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

```
.background{ background-color: rgb(249,  
197, 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](#).

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