

Converting Colors

RGB(249, 113, 207)

Have a look what the booklet for
RGB(249, 113, 207) contains.

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Color

RGB(249, 113, 207)

Conversions

Conversions Part 1

Format	Color
Hex	F971CF
RGB	249, 113, 207
RGB Percent	98%, 44%, 81%
CMY	0.0235, 0.5569, 0.1882
CMYK	0.00, 0.55, 0.17, 0.02
HSL	319°, 92%, 71%
HSV	319°, 55%, 98%
XYZ	56.2345, 36.4550, 63.1041
YIQ	164.3800, 50.8820, 58.0660

Conversions

Conversions Part 2

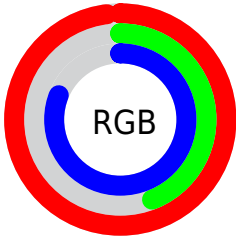
Format	Color
RYB	249, 113, 207
Decimal	16347599
CIELab	66.87, 62.57, -23.88
CIELCh	67, 66.970, 339.113
Yxy	36.4550, 0.3610, 0.2340
Android (android.graphics.Color)	4294537679 (0xFFFF971CF)
YUV	164.3800, 21.0117, 74.2117
Hunter-Lab	60.3780, 60.5890, -19.7025

Details

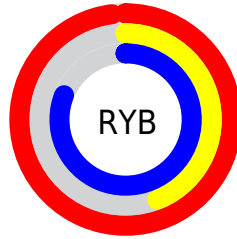
The RGB color **249, 113, 207** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **113, 249, 155**, and the grayscale version is **164, 164, 164**.

A 20% lighter version of the original color is **255, 170, 255**, and **190, 55, 152** is the 20% darker color. If you saturate the color by 10%, you get **249, 88, 199**, and if you desaturate by 10%, it is **249, 138, 215**.

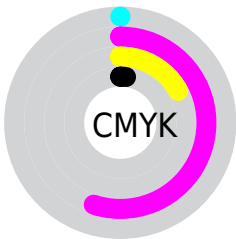
Distribution



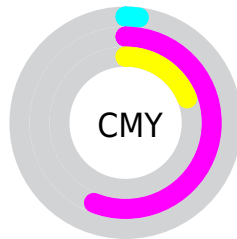
- Red (98%)
- Green (44%)
- Blue (81%)



- Red (98%)
- Yellow (44%)
- Blue (81%)



- Cyan (0%)
- Magenta (55%)
- Yellow (17%)
- Black (2%)



- Cyan (2%)
- Magenta (56%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the RGB color 249, 113, 207 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, 113, 207 by changing the saturation by 10% instead.

 249, 113, 207

 249, 113, 207


255, 255, 255

 219, 85, 179

 255, 170, 255

 190, 55, 152

 255, 198, 255

 161, 17, 126

 255, 228, 255

 132, 0, 101

 104, 0, 77

 77, 0, 54

 52, 0, 32

 14, 0, 3

 0, 0, 0

■ 249, 113, 207

■ 249, 113, 207

■ 249, 88, 199

■ 249, 138, 215

■ 249, 63, 192

■ 249, 163, 222

■ 249, 38, 184

■ 249, 188, 230

■ 249, 13, 176

■ 249, 213, 238

■ 249, 0, 172

■ 249, 237, 245

■ 249, 255, 253

■ 249, 255, 255

Harmonies

Analogous

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



189, 138, 255



249, 113, 207



255, 104, 147

Triad

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



249, 113, 207



176, 166, 23



0, 189, 237

Complementary

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



249, 113, 207



113, 249, 155

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.



0, 191, 180



249, 113, 207



111, 180, 61

Square

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



249, 113, 207



227, 144, 42



0, 188, 117



0, 181, 255

Rectangle

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



249, 113, 207



255, 112, 108



0, 188, 117



0, 191, 220

Sweetspot

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



249, 113, 207



255, 214, 242



154, 113, 249



128, 103, 120



0, 0, 0



128, 128, 128

Same Dimension

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



249, 113, 207



255, 87, 203



249, 113, 140



125, 112, 121



189, 0, 130



61, 0, 42

Inverse Universe

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



249, 113, 207



255, 87, 203



113, 249, 222



125, 112, 121



189, 0, 130



61, 0, 42

Previews

White Background



This preview shows how the RGB color 249, 113, 207 looks on a white background.

Color Contrast Check

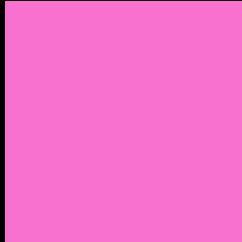
Large Text (above 18pt) WCAG AA × Fail

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, 113, 207 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, 113, 207 Background



This preview shows how black text looks on a background with the RGB color 249, 113, 207.



This preview shows how white text looks on a background with the RGB color 249, 113, 207.

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, 113, 207

Protanopia
135, 160, 243

Deuteranopia
161, 160, 199



Tritanopia
242, 129, 138

Trichromacy



Original Color

249, 113, 207



Protanomaly

176, 143, 230



Deuteranomaly

193, 143, 202



Tritanomaly

245, 123, 163

Monochromacy



Original Color

249, 113, 207



Achromatopsia

164, 164, 164



Achromatomaly

195, 145, 180

CSS Examples

Text

The CSS property to change the color of the text to RGB 249, 113, 207 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, 113, 207) looks like.

```
.text, #text, p{  
    color:rgb(249, 113, 207)  
}
```

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, 113, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 113, 207) }
```

Border

The CSS property to change the border of an element to RGB 249, 113, 207 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, 113, 207) }
```

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

```
.border{ border-color:rgb(249, 113, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 113, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 113, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 113, 207);  
box-shadow:4px 4px 4px 4px rgb(249, 113,  
207) }
```

Background

The CSS property to change the background color of an element to RGB 249, 113, 207 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 113, 207) }
```

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

```
.background{ background-color: rgb(249,  
113, 207) }
```

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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