

Converting Colors

RGB(249, 81, 195)

Have a look what the booklet for
RGB(249, 81, 195) contains.

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Color

RGB(249, 81, 195)

Conversions

Conversions Part 1

Format	Color
Hex	F951C3
RGB	249, 81, 195
RGB Percent	98%, 32%, 76%
CMY	0.0235, 0.6824, 0.2353
CMYK	0.00, 0.67, 0.22, 0.02
HSL	319°, 93%, 65%
HSV	319°, 67%, 98%
XYZ	51.8597, 29.9647, 54.6802
YIQ	144.2280, 63.5340, 71.0700

Conversions

Conversions Part 2

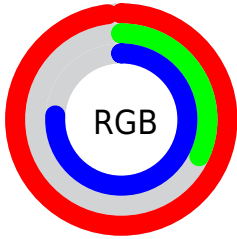
Format	Color
R _Y B	249, 81, 195
Decimal	16339395
CIE Lab	61.62, 73.99, -25.14
CIE LCh	62, 78.139, 341.234
Yxy	29.9647, 0.3799, 0.2195
Android (android.graphics.Color)	4294529475 (0xFFFF951C3)
YUV	144.2280, 25.0306, 91.8850
Hunter-Lab	54.7400, 73.3124, -20.9072

Details

The RGB color **249, 81, 195** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light muted magenta. A complement of this color would be **81, 249, 135**, and the grayscale version is **144, 144, 144**.

A 20% lighter version of the original color is **255, 141, 252**, and **189, 0, 141** is the 20% darker color. If you saturate the color by 10%, you get **249, 56, 187**, and if you desaturate by 10%, it is **249, 106, 203**.

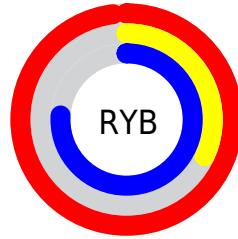
Distribution



Red (98%)

Green (32%)

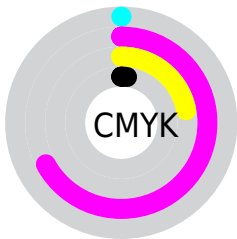
Blue (76%)



Red (98%)

Yellow (32%)

Blue (76%)

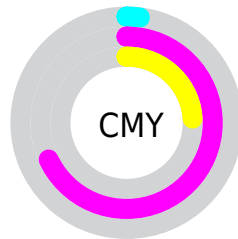


Cyan (0%)

Magenta (67%)

Yellow (22%)

Black (2%)



Cyan (2%)

Magenta (68%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the RGB color 249, 81, 195 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, 81, 195 by changing the saturation by 10% instead.

 249, 81, 195

 249, 81, 195

255, 255, 255

 219, 47, 168

 255, 141, 252

 189, 0, 141

 255, 170, 255

 159, 0, 115

 255, 200, 255

 130, 0, 91

 255, 230, 255

 101, 0, 67

 74, 0, 44

 45, 0, 23

 0, 0, 0

 249, 81, 195

 249, 81, 195

■ 249, 56, 187

■ 249, 106, 203

■ 249, 31, 179

■ 249, 131, 211

■ 249, 6, 171

■ 249, 156, 219

■ 249, 0, 169

■ 249, 181, 227

■ 249, 206, 235

■ 249, 230, 243

■ 249, 255, 251

■ 249, 255, 255

Harmonies

Analogous

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



183, 117, 254



249, 81, 195



255, 69, 126

Triad

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



249, 81, 195



155, 154, 0



0, 178, 239

Complementary

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



249, 81, 195



81, 249, 135

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, 180, 174



249, 81, 195



75, 169, 24

Square

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



249, 81, 195



214, 129, 0



0, 177, 101



0, 169, 255

Rectangle

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



249, 81, 195



255, 85, 81



0, 177, 101



0, 179, 219

Sweetspot

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



249, 81, 195



255, 204, 239



134, 81, 249



128, 97, 118



0, 0, 0



128, 128, 128

Same Dimension

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



249, 81, 195



255, 48, 189



249, 81, 112



125, 112, 121



189, 0, 128



61, 0, 42

Inverse Universe

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



249, 81, 195



255, 48, 189



81, 249, 218



125, 112, 121



189, 0, 128



61, 0, 42

Previews

White Background



This preview shows how the RGB color 249, 81, 195 looks on a white background.

Color Contrast Check

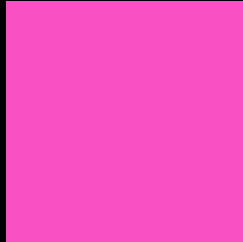
Large Text (above 18pt) WCAG AA ✓ Pass

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, 81, 195 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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 249, 81, 195 Background



This preview shows how black text looks on a background with the RGB color 249, 81, 195.



This preview shows how white text looks on a background with the RGB color 249, 81, 195.

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, 81, 195

Protanopia
109, 146, 246

Deuteranopia
145, 146, 185



Tritanopia
242, 104, 111

Trichromacy



Original Color

249, 81, 195



Protanomaly

160, 122, 227



Deuteranomaly

183, 122, 189



Tritanomaly

245, 96, 142

Monochromacy



Original Color

249, 81, 195



Achromatopsia

144, 144, 144



Achromatomaly

182, 121, 163

CSS Examples

Text

The CSS property to change the color of the text to RGB 249, 81, 195 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, 81, 195) looks like.

```
.text, #text, p{  
    color:rgb(249, 81, 195)  
}
```

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, 81, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 81, 195) }
```

Border

The CSS property to change the border of an element to RGB 249, 81, 195 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, 81, 195) }
```

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

```
.border{ border-color:rgb(249, 81, 195) }
```

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

Here you see how a box with a 4 pixel rgb(249, 81, 195) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 81, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 81, 195);  
box-shadow:4px 4px 4px 4px rgb(249, 81,  
195) }
```

Background

The CSS property to change the background color of an element to RGB 249, 81, 195 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 81, 195) }
```

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

```
.background{ background-color: rgb(249, 81,  
195) }
```

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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