

Converting Colors

RGB(249, 21, 155)

Have a look what the booklet for
RGB(249, 21, 155) contains.

RGB(249, 21, 155)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(249, 21, 155)

Conversions

Conversions Part 1

Format	Color
Hex	F9159B
RGB	249, 21, 155
RGB Percent	98%, 8%, 61%
CMY	0.0235, 0.9176, 0.3922
CMYK	0.00, 0.92, 0.38, 0.02
HSL	325°, 95%, 53%
HSV	325°, 92%, 98%
XYZ	45.2515, 23.0426, 33.0730
YIQ	104.4480, 92.8740, 90.0100

Conversions

Conversions Part 2

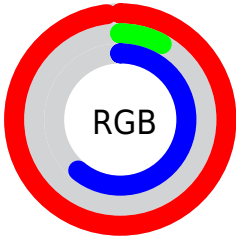
Format	Color
R_{YB}	249, 21, 155
Decimal	16323995
CIE _{Lab}	55.12, 83.89, -11.83
CIE _{LCh}	55, 84.717, 351.974
Yxy	23.0426, 0.4464, 0.2273
Android (android.graphics.Color)	4294514075 (0xFFFF9159B)
YUV	104.4480, 24.9221, 126.7721
Hunter-Lab	48.0027, 84.2646, -7.2478

Details

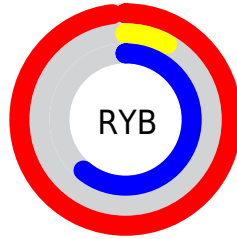
The RGB color **249, 21, 155** is a dark color, and the websafe version is hex **FF0099**. The color can be described as middle washed rose. A complement of this color would be **21, 249, 115**, and the grayscale version is **104, 104, 104**.

A 20% lighter version of the original color is **255, 104, 209**, and **187, 0, 104** is the 20% darker color. If you saturate the color by 10%, you get **249, 0, 146**, and if you desaturate by 10%, it is **249, 46, 165**.

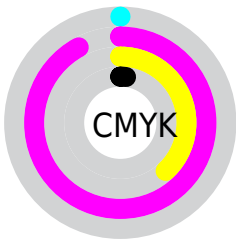
Distribution



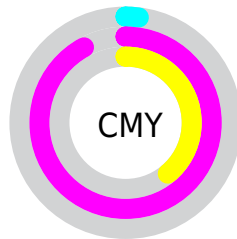
- Red (98%)
- Green (8%)
- Blue (61%)



- Red (98%)
- Yellow (8%)
- Blue (61%)



- Cyan (0%)
- Magenta (92%)
- Yellow (38%)
- Black (2%)




- Cyan (2%)
- Magenta (92%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the RGB color 249, 21, 155 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, 21, 155 by changing the saturation by 10% instead.

 249, 21, 155

 249, 21, 155

255, 255, 255

 218, 0, 129

 255, 104, 209

 187, 0, 104

 255, 136, 238

 156, 0, 80

 255, 166, 255

 125, 0, 57

 255, 197, 255

 95, 0, 36

 255, 227, 255

 66, 0, 11

 34, 0, 1

 0, 0, 0

 249, 21, 155

 249, 21, 155

■ 249, 0, 146

■ 249, 46, 165

■ 249, 71, 176

■ 249, 96, 186

■ 249, 121, 196

■ 249, 146, 206

■ 249, 170, 217

■ 249, 195, 227

■ 249, 220, 237

■ 249, 245, 247

Harmonies

Analogous

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



198, 80, 224



249, 21, 155



255, 34, 82

Triad

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



249, 21, 155



109, 144, 0



0, 160, 248

Complementary

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



249, 21, 155



21, 249, 115

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, 163, 185



249, 21, 155



0, 156, 24

Square

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



249, 21, 155



177, 122, 0



0, 161, 109



0, 147, 255

Rectangle

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



249, 21, 155



240, 71, 34



0, 161, 109



0, 161, 230

Sweetspot

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



249, 21, 155



255, 186, 227



112, 21, 249



128, 87, 111



0, 0, 0



128, 128, 128

Same Dimension

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



249, 21, 155



255, 0, 150



249, 21, 44



125, 112, 120



189, 0, 111



61, 0, 36

Inverse Universe

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



249, 21, 155



255, 0, 150



21, 249, 226



125, 112, 120



189, 0, 111



61, 0, 36

Previews

White Background



This preview shows how the RGB color 249, 21, 155 looks on a white background.

Color Contrast Check

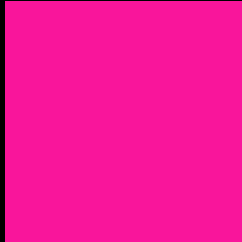
Large Text (above 18pt) WCAG AA ✓ Pass

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, 21, 155 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, 21, 155 Background



This preview shows how black text looks on a background with the RGB color 249, 21, 155.

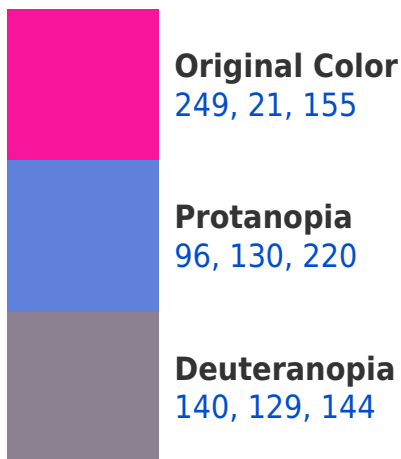


This preview shows how white text looks on a background with the RGB color 249, 21, 155.

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





Tritanopia
244, 63, 66

Trichromacy



Original Color

249, 21, 155



Protanomaly

152, 90, 196



Deuteranomaly

180, 90, 148



Tritanomaly

246, 48, 98

Monochromacy



Original Color

249, 21, 155



Achromatopsia

104, 104, 104



Achromatomaly

157, 74, 123

CSS Examples

Text

The CSS property to change the color of the text to RGB 249, 21, 155 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, 21, 155)` looks like.

```
.text, #text, p{  
    color:rgb(249, 21, 155)  
}
```

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, 21, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 21, 155) }
```

Border

The CSS property to change the border of an element to RGB 249, 21, 155 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, 21, 155) }
```

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

```
.border{ border-color:rgb(249, 21, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 21, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 21, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 21, 155);  
box-shadow:4px 4px 4px 4px rgb(249, 21,  
155) }
```

Background

The CSS property to change the background color of an element to RGB 249, 21, 155 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 21, 155) }
```

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

```
.background{ background-color: rgb(249, 21,  
155) }
```

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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