

Converting Colors

RGB(249, 82, 235)

Have a look what the booklet for
RGB(249, 82, 235) contains.

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Color

RGB(249, 82, 235)

Conversions

Conversions Part 1

Format	Color
Hex	F952EB
RGB	249, 82, 235
RGB Percent	98%, 32%, 92%
CMY	0.0235, 0.6784, 0.0784
CMYK	0.00, 0.67, 0.06, 0.02
HSL	305°, 93%, 65%
HSV	305°, 67%, 98%
XYZ	57.0796, 32.1725, 81.7987
YIQ	149.3750, 50.4190, 82.9870

Conversions

Conversions Part 2

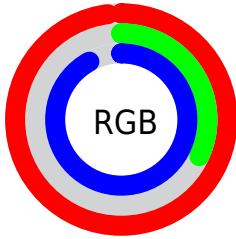
Format	Color
R _{YB}	249, 82, 235
Decimal	16339691
CIE _{Lab}	63.49, 79.23, -44.77
CIE _{LCh}	63, 91.008, 330.532
Y _{xy}	32.1725, 0.3337, 0.1881
Android (android.graphics.Color)	4294529771 (0xFFFF952EB)
Y _{UV}	149.3750, 42.2131, 87.3711
Hunter-Lab	56.7208, 80.3678, -45.7993

Details

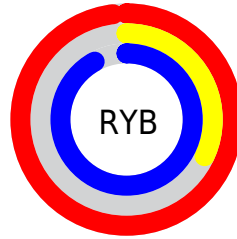
The RGB color **249, 82, 235** is a light color, and the websafe version is hex **FF66FF**. The color can be described as light muted magenta. A complement of this color would be **82, 249, 96**, and the grayscale version is **149, 149, 149**.

A 20% lighter version of the original color is **255, 143, 255**, and **189, 0, 179** is the 20% darker color. If you saturate the color by 10%, you get **249, 57, 233**, and if you desaturate by 10%, it is **249, 107, 237**.

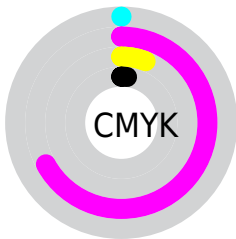
Distribution



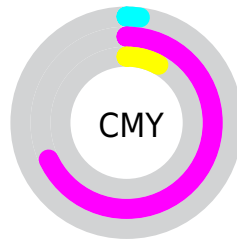
- Red (98%)
- Green (32%)
- Blue (92%)



- Red (98%)
- Yellow (32%)
- Blue (92%)



- Cyan (0%)
- Magenta (67%)
- Yellow (6%)
- Black (2%)



- Cyan (2%)
- Magenta (68%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the RGB color 249, 82, 235 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, 82, 235 by changing the saturation by 10% instead.



249, 82, 235



249, 82, 235

255, 255, 255



219, 47, 206



255, 143, 255



189, 0, 179



255, 173, 255



159, 0, 151



255, 202, 255



130, 0, 125



255, 232, 255



102, 0, 99



74, 0, 75



46, 0, 51



2, 0, 29



0, 0, 0

 249, 82, 235

 249, 82, 235

 249, 57, 233

 249, 107, 237

 249, 32, 231

 249, 132, 239

 249, 7, 229

 249, 157, 241

 249, 0, 228

 249, 182, 243

 249, 207, 245

 249, 231, 248

 249, 255, 250

 249, 255, 252

 249, 255, 254

Harmonies

Analogous

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



143, 131, 255



249, 82, 235



255, 35, 156

Triad

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



249, 82, 235



185, 151, 0



0, 188, 235

Complementary

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



249, 82, 235



82, 249, 96

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, 188, 153



249, 82, 235



102, 172, 0

Square

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



249, 82, 235



246, 117, 0



0, 183, 66



0, 182, 255

Rectangle

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



249, 82, 235



255, 51, 103



0, 183, 66



0, 188, 209

Sweetspot

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



249, 82, 235



255, 204, 251



96, 82, 249



128, 97, 125



0, 0, 0



128, 128, 128

Same Dimension

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



249, 82, 235



255, 51, 238



249, 82, 152



125, 112, 124



189, 0, 173



61, 0, 56

Inverse Universe

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



249, 82, 235



255, 51, 238



82, 249, 179



125, 112, 124



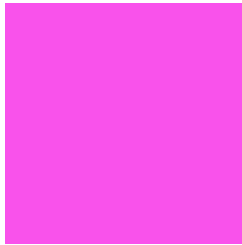
189, 0, 173



61, 0, 56

Previews

White Background



This preview shows how the RGB color 249, 82, 235 looks on a white background.

Color Contrast Check

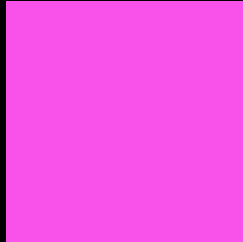
Large Text (above 18pt) WCAG AA × Fail

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, 82, 235 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, 82, 235 Background



This preview shows how black text looks on a background with the RGB color 249, 82, 235.



This preview shows how white text looks on a background with the RGB color 249, 82, 235.

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, 82, 235

Protanopia
110, 151, 255

Deuteranopia
125, 153, 224



Tritanopia
237, 116, 124

Trichromacy



Original Color

249, 82, 235



Protanomaly

161, 126, 248



Deuteranomaly

170, 127, 228



Tritanomaly

241, 104, 164

Monochromacy



Original Color

249, 82, 235



Achromatopsia

149, 149, 149



Achromatomaly

185, 125, 180

CSS Examples

Text

The CSS property to change the color of the text to RGB 249, 82, 235 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, 82, 235) looks like.

```
.text, #text, p{  
    color:rgb(249, 82, 235)  
}
```

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, 82, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 82, 235) }
```

Border

The CSS property to change the border of an element to RGB 249, 82, 235 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, 82, 235) }
```

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

```
.border{ border-color:rgb(249, 82, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 82, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 82, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 82, 235);  
box-shadow:4px 4px 4px 4px rgb(249, 82,  
235) }
```

Background

The CSS property to change the background color of an element to RGB 249, 82, 235 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 82, 235) }
```

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

```
.background{ background-color: rgb(249, 82,  
235) }
```

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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