

Converting Colors

`RYB(251, 89, 222)`

Have a look what the booklet for
RYB(251, 89, 222) contains.

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Color

`RYB(251, 89, 222)`

Conversions

Conversions Part 1

Format	Color
Hex	FB59DE
RGB	251, 89, 222
RGB Percent	98%, 35%, 87%
CMY	0.0157, 0.6510, 0.1294
CMYK	0.00, 0.65, 0.12, 0.02
HSL	311°, 95%, 67%
HSV	311°, 65%, 98%
XYZ	56.5409, 32.9279, 72.4829
YIQ	152.6000, 53.8590, 75.7070

Conversions

Conversions Part 2

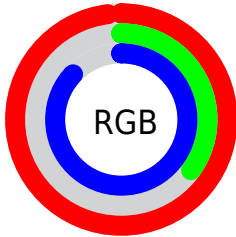
Format	Color
R _Y B	251, 89, 222
Decimal	16472542
CIE Lab	64.10, 75.24, -36.52
CIE LCh	64, 83.638, 334.108
Yxy	32.9279, 0.3491, 0.2033
Android (android.graphics.Color)	4294662622 (0xFFFB59DE)
YUV	152.6000, 34.2142, 86.2968
Hunter-Lab	57.3828, 75.4608, -34.7239

Details

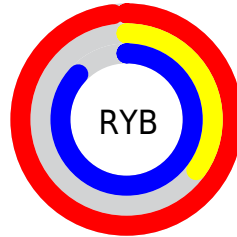
The RYB color **251, 89, 222** is a light color, and the websafe version is hex **FF33CC**. The color can be described as light muted magenta. A complement of this color would be **89, 226, 251**, and the grayscale version is **152, 152, 152**.

A 20% lighter version of the original color is **255, 149, 255**, and **191, 4, 166** is the 20% darker color. If you saturate the color by 10%, you get **251, 64, 218**, and if you desaturate by 10%, it is **251, 114, 226**.

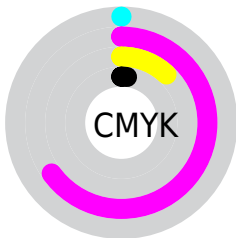
Distribution



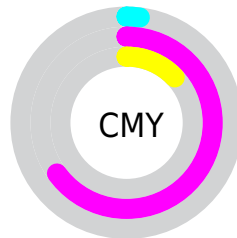
- Red (98%)
- Green (35%)
- Blue (87%)



- Red (98%)
- Yellow (35%)
- Blue (87%)



- Cyan (0%)
- Magenta (65%)
- Yellow (12%)
- Black (2%)



- Cyan (2%)
- Magenta (65%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the RYB color 251, 89, 222 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 RYB color 251, 89, 222 by changing the saturation by 10% instead.



251, 89, 222



251, 89, 222

255, 255, 255



221, 56, 194



255, 149, 255



191, 4, 166



255, 178, 255



161, 0, 140



255, 208, 255



133, 0, 114



255, 238, 255



104, 0, 89



76, 0, 65



49, 0, 42



7, 0, 20



0, 0, 0

■ 251, 89, 222

■ 251, 89, 222

■ 251, 64, 218

■ 251, 114, 226

■ 251, 39, 213

■ 251, 139, 231

■ 251, 14, 209

■ 251, 164, 235

■ 251, 0, 206

■ 251, 189, 240

■ 251, 215, 244

■ 251, 240, 249

■ 251, 254, 255

■ 251, 253, 255

Harmonies

Analogous

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



165, 130, 255



251, 89, 222



255, 63, 148

Triad

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



251, 89, 222



25, 178, 0



0, 105, 238

Complementary

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



251, 89, 222



89, 226, 251

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, 100, 188



251, 89, 222



0, 174, 74

Square

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



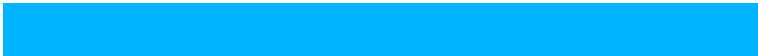
251, 89, 222



209, 237, 0



0, 125, 184



0, 106, 255

Rectangle

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



251, 89, 222



255, 76, 100



0, 125, 184



0, 100, 215

Sweetspot

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



251, 89, 222



255, 207, 246



116, 89, 251



128, 98, 122



0, 0, 0



128, 128, 128

Same Dimension

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



251, 89, 222



255, 59, 220



251, 89, 143



125, 112, 123



189, 0, 155



61, 0, 50

Inverse Universe

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



251, 89, 222



255, 59, 220



89, 186, 251



125, 112, 123



189, 0, 155



61, 0, 50

Previews

White Background



This preview shows how the RYB color 251, 89, 222 looks on a white background.

Color Contrast Check

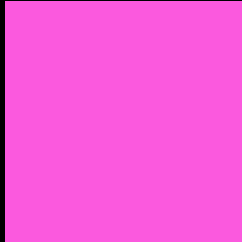
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RYB color 251, 89, 222 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](#).

RYB 251, 89, 222 Background



This preview shows how black text looks on a background with the RYB color 251, 89, 222.



This preview shows how white text looks on a background with the RYB color 251, 89, 222.

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
251, 89, 222

Protanopia
114, 144, 255

Deuteranopia
139, 151, 212



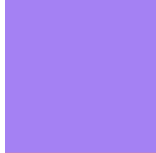
Tritanopia
241, 116, 125

Trichromacy



Original Color

251, 89, 222



Protanomaly

164, 129, 243



Deuteranomaly

180, 130, 216



Tritanomaly

245, 106, 160

Monochromacy



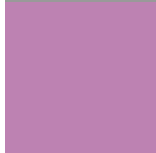
Original Color

251, 89, 222



Achromatopsia

153, 153, 153



Achromatomaly

189, 130, 178

CSS Examples

Text

The CSS property to change the color of the text to RYB 251, 89, 222 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(251, 89, 222)` looks like.

```
.text, #text, p{  
    color:rgb(251, 89, 222)  
}
```

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(251, 89, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 89, 222) }
```

Border

The CSS property to change the border of an element to RYB 251, 89, 222 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(251, 89, 222) }
```

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

```
.border{ border-color:rgb(251, 89, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 89, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 89, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 89, 222);  
box-shadow:4px 4px 4px 4px rgb(251, 89,  
222) }
```

Background

The CSS property to change the background color of an element to RGB 251, 89, 222 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 89, 222) }
```

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

```
.background{ background-color: rgb(251, 89,  
222) }
```

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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