

Converting Colors

`RYB(253, 139, 219)`

Have a look what the booklet for
RYB(253, 139, 219) contains.

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Color

R_YB(253, 139, 219)

Conversions

Conversions Part 1

Format	Color
Hex	FD8BDB
RGB	253, 139, 219
RGB Percent	99%, 55%, 86%
CMY	0.0078, 0.4549, 0.1412
CMYK	0.00, 0.45, 0.13, 0.01
HSL	318°, 97%, 77%
HSV	318°, 45%, 99%
XYZ	62.5268, 44.4624, 72.3044
YIQ	182.2060, 42.2640, 49.0480

Conversions

Conversions Part 2

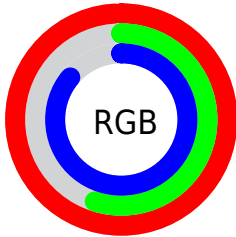
Format	Color
RYB	253, 139, 219
Decimal	16616411
CIELab	72.54, 53.23, -21.84
CIELCh	73, 57.539, 337.695
Yxy	44.4624, 0.3487, 0.2480
Android (android.graphics.Color)	4294806491 (0xFFFD8BDB)
YUV	182.2060, 18.1394, 62.0863
Hunter-Lab	66.6801, 50.6916, -17.6149

Details

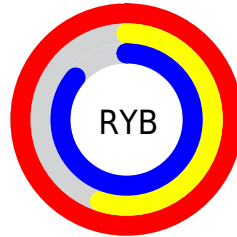
The RYB color **253, 139, 219** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **139, 227, 253**, and the grayscale version is **182, 182, 182**.

A 20% lighter version of the original color is **255, 195, 255**, and **194, 85, 164** is the 20% darker color. If you saturate the color by 10%, you get **253, 114, 211**, and if you desaturate by 10%, it is **253, 164, 227**.

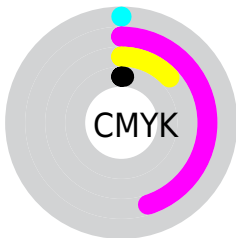
Distribution



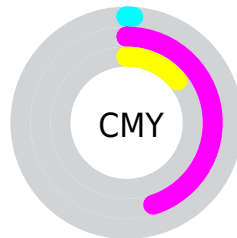
- Red (99%)
- Green (55%)
- Blue (86%)



- Red (99%)
- Yellow (55%)
- Blue (86%)



- Cyan (0%)
- Magenta (45%)
- Yellow (13%)
- Black (1%)



- Cyan (1%)
- Magenta (45%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the RYB color 253, 139, 219 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 253, 139, 219 by changing the saturation by 10% instead.

 253, 139, 219

255, 255, 255

 255, 195, 255

 255, 224, 255


 255, 253, 255

 253, 139, 219

 223, 112, 191

 194, 85, 164


 166, 57, 137

 138, 27, 112

 110, 0, 87

 84, 0, 64

 59, 0, 42

 31, 0, 20

 0, 0, 0

■ 253, 139, 219

■ 253, 139, 219

■ 253, 114, 211

■ 253, 164, 227

■ 253, 88, 204

■ 253, 190, 234

■ 253, 63, 196

■ 253, 215, 242

■ 253, 38, 189

■ 253, 240, 249

■ 253, 13, 181

253, 254, 255

■ 253, 0, 178

Harmonies

Analogous

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



199, 159, 255



253, 139, 219



255, 132, 166

Triad

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



253, 139, 219



85, 195, 68



0, 110, 241

Complementary

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



253, 139, 219



139, 227, 253

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, 106, 204



253, 139, 219



91, 193, 145

Square

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



253, 139, 219



234, 240, 79



54, 148, 201



0, 110, 255

Rectangle

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



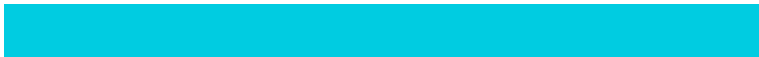
253, 139, 219



255, 137, 132



54, 148, 201



0, 107, 225

Sweetspot

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



253, 139, 219



255, 219, 244



171, 139, 253



128, 106, 121



0, 0, 0



128, 128, 128

Same Dimension

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



253, 139, 219



255, 117, 214



253, 139, 164



128, 115, 124



191, 0, 134



64, 0, 45

Inverse Universe

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



253, 139, 219



255, 117, 214



139, 203, 253



128, 115, 124



191, 0, 134



64, 0, 45

Previews

White Background



This preview shows how the RYB color 253, 139, 219 looks on a white background.

Color Contrast Check

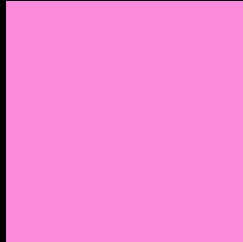
Large Text (above 18pt) WCAG AA × Fail

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 253, 139, 219 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 253, 139, 219 Background



This preview shows how black text looks on a background with the RYB color 253, 139, 219.

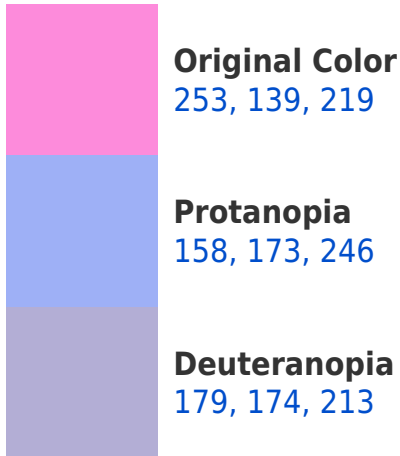



This preview shows how white text looks on a background with the RYB color 253, 139, 219.

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
247, 151, 162

Trichromacy



Original Color

253, 139, 219



Protanomaly

193, 163, 236



Deuteranomaly

206, 161, 215



Tritanomaly

249, 147, 183

Monochromacy



Original Color

253, 139, 219



Achromatopsia

182, 182, 182



Achromatomaly

208, 166, 195

CSS Examples

Text

The CSS property to change the color of the text to RYB 253, 139, 219 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(253, 139, 219) looks like.

```
.text, #text, p{  
    color:rgb(253, 139, 219)  
}
```

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(253, 139, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 139, 219) }
```

Border

The CSS property to change the border of an element to RYB 253, 139, 219 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(253, 139, 219) }
```

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

```
.border{ border-color:rgb(253, 139, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 139, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 139, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 139, 219);  
box-shadow:4px 4px 4px 4px rgb(253, 139,  
219) }
```

Background

The CSS property to change the background color of an element to RYB 253, 139, 219 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 139, 219) }
```

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

```
.background{ background-color: rgb(253,  
139, 219) }
```

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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