

Converting Colors

`RYB(255, 139, 206)`

Have a look what the booklet for
RYB(255, 139, 206) contains.

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Color

RYB(255, 139, 206)

Conversions

Conversions Part 1

Format	Color
Hex	FF8BCE
RGB	255, 139, 206
RGB Percent	100%, 55%, 81%
CMY	0.0000, 0.4549, 0.1922
CMYK	0.00, 0.45, 0.19, 0.00
HSL	325°, 100%, 77%
HSV	325°, 45%, 100%
XYZ	61.6132, 44.1815, 63.6730
YIQ	181.3220, 47.6290, 45.4290

Conversions

Conversions Part 2

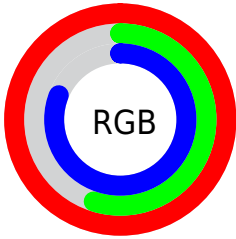
Format	Color
R _Y B	255, 139, 206
Decimal	16747470
CIE Lab	72.35, 51.91, -14.92
CIE LCh	72, 54.013, 343.963
Yxy	44.1815, 0.3636, 0.2607
Android (android.graphics.Color)	4294937550 (0xFFFF8BCE)
YUV	181.3220, 12.1663, 64.6156
Hunter-Lab	66.4691, 49.1386, -10.2675

Details

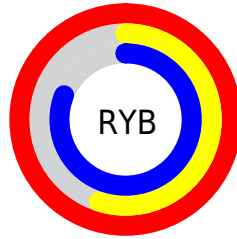
The RYB color **255, 139, 206** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **139, 221, 255**, and the grayscale version is **181, 181, 181**.

A 20% lighter version of the original color is **255, 195, 255**, and **196, 85, 152** is the 20% darker color. If you saturate the color by 10%, you get **255, 114, 195**, and if you desaturate by 10%, it is **255, 164, 217**.

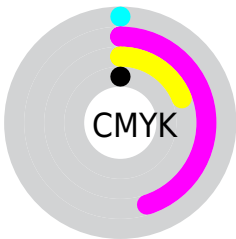
Distribution



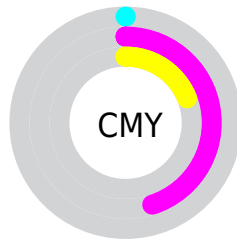
- Red (100%)
- Green (55%)
- Blue (81%)



- Red (100%)
- Yellow (55%)
- Blue (81%)



- Cyan (0%)
- Magenta (45%)
- Yellow (19%)
- Black (0%)



- Cyan (0%)
- Magenta (45%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the RYB color 255, 139, 206 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 255, 139, 206 by changing the saturation by 10% instead.

 255, 139, 206

 255, 139, 206

255, 255, 255

 225, 112, 178

 255, 195, 255

 196, 85, 152

 255, 224, 255

 167, 58, 126

 255, 253, 255

 139, 27, 101

 112, 0, 77

 85, 0, 54

 60, 0, 33

 32, 0, 5

 0, 0, 0

■ 255, 139, 206

■ 255, 139, 206

■ 255, 114, 195

■ 255, 164, 217

■ 255, 88, 184

■ 255, 190, 228

■ 255, 62, 174

■ 255, 216, 238

■ 255, 37, 163

■ 255, 241, 249

■ 255, 11, 152

255, 255, 255

■ 255, 0, 147

Harmonies

Analogous

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



211, 155, 249



255, 139, 206



255, 136, 156

Triad

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



255, 139, 206



79, 184, 77



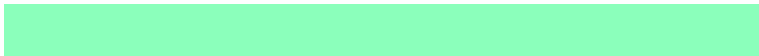
0, 110, 245

Complementary

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



255, 139, 206



139, 221, 255

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, 102, 202



255, 139, 206



104, 194, 169

Square

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



255, 139, 206



191, 228, 81



40, 136, 201



0, 109, 255

Rectangle

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



255, 139, 206



255, 145, 125



40, 136, 201



0, 107, 231

Sweetspot

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



255, 139, 206



255, 219, 240



187, 139, 255



128, 106, 118



0, 0, 0



128, 128, 128

Same Dimension

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



255, 139, 206



255, 115, 196



255, 139, 149



128, 115, 122



191, 0, 110



64, 0, 37

Inverse Universe

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



255, 139, 206



255, 115, 196



139, 200, 255



128, 115, 122



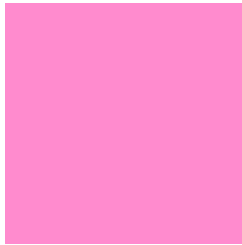
191, 0, 110



64, 0, 37

Previews

White Background



This preview shows how the RYB color 255, 139, 206 looks on a white background.

Color Contrast Check

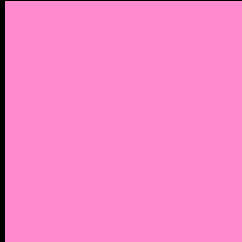
Large Text (above 18pt) WCAG AA × Fail

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 255, 139, 206 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 255, 139, 206 Background



This preview shows how black text looks on a background with the RGB color 255, 139, 206.

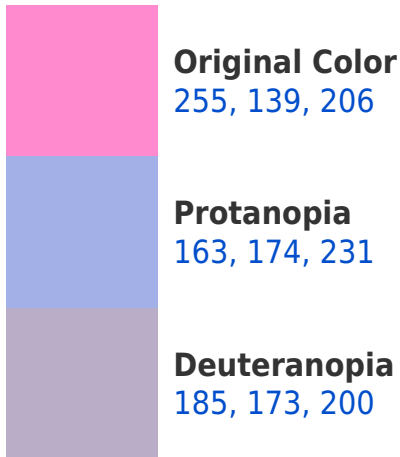


This preview shows how white text looks on a background with the RGB color 255, 139, 206.

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
250, 148, 159

Trichromacy



Original Color

255, 139, 206



Protanomaly

196, 163, 222



Deuteranomaly

210, 161, 202



Tritanomaly

252, 145, 176

Monochromacy



Original Color

255, 139, 206



Achromatopsia

181, 181, 181



Achromatomaly

208, 166, 190

CSS Examples

Text

The CSS property to change the color of the text to RYB 255, 139, 206 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(255, 139, 206) looks like.

```
.text, #text, p{  
    color:rgb(255, 139, 206)  
}
```

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(255, 139, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 139, 206) }
```

Border

The CSS property to change the border of an element to RYB 255, 139, 206 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(255, 139, 206) }
```

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

```
.border{ border-color:rgb(255, 139, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 139, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 139, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 139, 206);  
box-shadow:4px 4px 4px 4px rgb(255, 139,  
206) }
```

Background

The CSS property to change the background color of an element to RYB 255, 139, 206 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 139, 206) }
```

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

```
.background{ background-color: rgb(255,  
139, 206) }
```

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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