

Converting Colors

`RYB(249, 145, 206)`

Have a look what the booklet for
RYB(249, 145, 206) contains.

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Color

RYB(249, 145, 206)

Conversions

Conversions Part 1

Format	Color
Hex	F991CE
RGB	249, 145, 206
RGB Percent	98%, 57%, 81%
CMY	0.0235, 0.4314, 0.1922
CMYK	0.00, 0.42, 0.17, 0.02
HSL	325°, 90%, 77%
HSV	325°, 42%, 98%
XYZ	60.3329, 44.8468, 63.8689
YIQ	183.0500, 42.4030, 41.0190

Conversions

Conversions Part 2

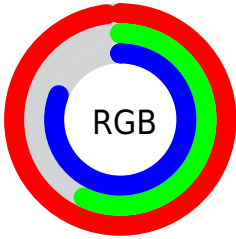
Format	Color
R _Y B	249, 145, 206
Decimal	16355790
CIE Lab	72.79, 46.99, -14.33
CIE LCh	73, 49.127, 343.038
Yxy	44.8468, 0.3569, 0.2653
Android (android.graphics.Color)	4294545870 (0xFFFF991CE)
YUV	183.0500, 11.3144, 57.8382
Hunter-Lab	66.9677, 43.6216, -9.6691

Details

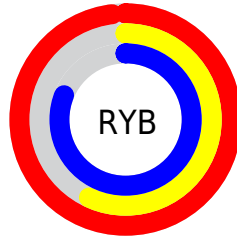
The RYB color **249, 145, 206** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **145, 219, 249**, and the grayscale version is **183, 183, 183**.

A 20% lighter version of the original color is **255, 201, 255**, and **191, 92, 152** is the 20% darker color. If you saturate the color by 10%, you get **249, 120, 196**, and if you desaturate by 10%, it is **249, 170, 216**.

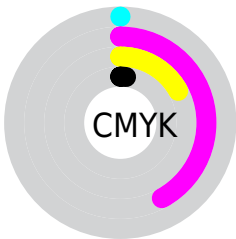
Distribution



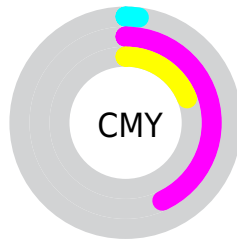
- Red (98%)
- Green (57%)
- Blue (81%)



- Red (98%)
- Yellow (57%)
- Blue (81%)



- Cyan (0%)
- Magenta (42%)
- Yellow (17%)
- Black (2%)



- Cyan (2%)
- Magenta (43%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the RYB color 249, 145, 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 249, 145, 206 by changing the saturation by 10% instead.


 249, 145, 206

 249, 145, 206

255, 255, 255

 220, 118, 178

 255, 201, 255

 191, 92, 152

 255, 229, 255

 162, 65, 126

 135, 38, 101

 107, 3, 77

 81, 0, 54


 56, 0, 33

 28, 0, 5


 0, 0, 0

 249, 145, 206

 249, 145, 206

 249, 120, 196

 249, 170, 216

 249, 95, 185

 249, 195, 227

 249, 70, 175

 249, 220, 237

 249, 45, 165

 249, 245, 247

 249, 20, 155

 249, 252, 255

 249, 0, 146

Harmonies

Analogous

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



208, 159, 245



249, 145, 206



255, 142, 161

Triad

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



249, 145, 206



93, 187, 88



0, 109, 239

Complementary

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



249, 145, 206



145, 219, 249

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



249, 145, 206



111, 194, 168

Square

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



249, 145, 206



200, 227, 92



70, 150, 200



0, 109, 255

Rectangle

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



249, 145, 206



255, 149, 132



70, 150, 200



0, 106, 226

Sweetspot

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



249, 145, 206



255, 222, 241



187, 145, 249



128, 107, 119



0, 0, 0



128, 128, 128

Same Dimension

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



249, 145, 206



255, 128, 202



249, 145, 155



125, 112, 120



189, 0, 111



61, 0, 36

Inverse Universe

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



249, 145, 206



255, 128, 202



145, 200, 249



125, 112, 120



189, 0, 111



61, 0, 36

Previews

White Background



This preview shows how the RYB color 249, 145, 206 looks on a white background.

Color Contrast Check

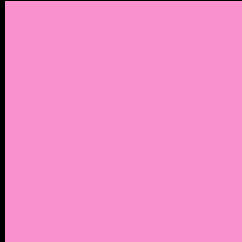
Large Text (above 18pt) WCAG AA × Fail

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 249, 145, 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](#).

RYB 249, 145, 206 Background



This preview shows how black text looks on a background with the RYB color 249, 145, 206.




This preview shows how white text looks on a background with the RYB color 249, 145, 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
245, 153, 164

Trichromacy



Original Color

249, 145, 206



Protanomaly

196, 165, 220



Deuteranomaly

209, 163, 203



Tritanomaly

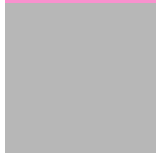
246, 150, 179

Monochromacy



Original Color

249, 145, 206



Achromatopsia

183, 183, 183



Achromatomaly

207, 169, 191

CSS Examples

Text

The CSS property to change the color of the text to RYB 249, 145, 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(249, 145, 206) looks like.

```
.text, #text, p{  
    color:rgb(249, 145, 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(249, 145, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 145, 206) }
```

Border

The CSS property to change the border of an element to RYB 249, 145, 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(249, 145, 206) }
```

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

```
.border{ border-color:rgb(249, 145, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 145, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 145, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 145, 206);  
box-shadow:4px 4px 4px 4px rgb(249, 145,  
206) }
```

Background

The CSS property to change the background color of an element to RYB 249, 145, 206 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 145, 206) }
```

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

```
.background{ background-color: rgb(249,  
145, 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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