

Converting Colors

`RYB(243, 129, 219)`

Have a look what the booklet for
RYB(243, 129, 219) contains.

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Color

R_YB(243, 129, 219)

Conversions

Conversions Part 1

Format	Color
Hex	F381DB
RGB	243, 129, 219
RGB Percent	95%, 51%, 86%
CMY	0.0471, 0.4941, 0.1412
CMYK	0.00, 0.47, 0.10, 0.05
HSL	313°, 83%, 73%
HSV	313°, 47%, 95%
XYZ	57.5986, 39.8697, 71.6777
YIQ	173.3460, 39.0540, 52.1580

Conversions

Conversions Part 2

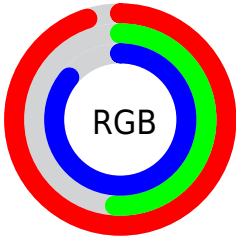
Format	Color
R _Y B	243, 129, 219
Decimal	15958491
CIE Lab	69.38, 55.12, -26.78
CIE LCh	69, 61.277, 334.084
Yxy	39.8697, 0.3405, 0.2357
Android (android.graphics.Color)	4294148571 (0xFFFF381DB)
YUV	173.3460, 22.5074, 61.0866
Hunter-Lab	63.1424, 52.3286, -23.1048

Details

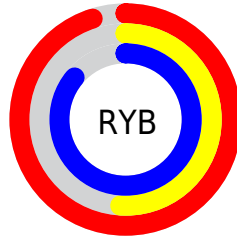
The RYB color **243, 129, 219** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **129, 223, 243**, and the grayscale version is **173, 173, 173**.

A 20% lighter version of the original color is **255, 185, 255**, and **185, 74, 164** is the 20% darker color. If you saturate the color by 10%, you get **243, 105, 214**, and if you desaturate by 10%, it is **243, 153, 224**.

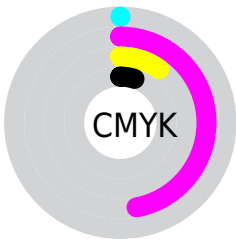
Distribution



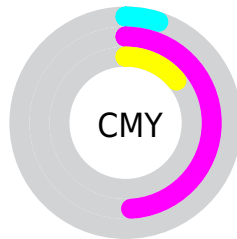
- Red (95%)
- Green (51%)
- Blue (86%)



- Red (95%)
- Yellow (51%)
- Blue (86%)



- Cyan (0%)
- Magenta (47%)
- Yellow (10%)
- Black (5%)



- Cyan (5%)
- Magenta (49%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the RYB color 243, 129, 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 243, 129, 219 by changing the saturation by 10% instead.

 243, 129, 219


255, 255, 255

 255, 185, 255

 255, 213, 255

 255, 243, 255

 243, 129, 219

 214, 102, 191

 185, 74, 164

 156, 46, 137

 128, 9, 112

 101, 0, 87

 75, 0, 63


 52, 0, 41


 14, 0, 19


 0, 0, 0

 243, 129, 219


 243, 129, 219

 243, 105, 214


 243, 153, 224

 243, 80, 209

 243, 178, 229

 243, 56, 204

 243, 202, 234

 243, 32, 199

 243, 226, 239

 243, 8, 193

 243, 249, 251

 243, 0, 192

 243, 251, 255

 243, 249, 255

Harmonies

Analogous

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



182, 152, 255



243, 129, 219



255, 118, 164

Triad

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



243, 129, 219



76, 192, 49



0, 106, 230

Complementary

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



243, 129, 219



129, 223, 243

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, 103, 196



243, 129, 219



71, 184, 120

Square

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



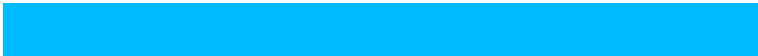
243, 129, 219



237, 224, 68



42, 142, 193



0, 108, 255

Rectangle

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



243, 129, 219



255, 123, 127



42, 142, 193



0, 102, 213

Sweetspot

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



243, 129, 219



255, 219, 247



152, 129, 243



128, 106, 123



0, 0, 0



128, 128, 128

Same Dimension

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



243, 129, 219



255, 112, 225



243, 129, 163



122, 110, 120



186, 0, 147



59, 0, 46

Inverse Universe

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



243, 129, 219



255, 112, 225



129, 196, 243



122, 110, 120



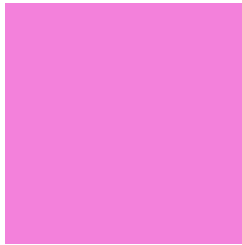
186, 0, 147



59, 0, 46

Previews

White Background



This preview shows how the RYB color 243, 129, 219 looks on a white background.

Color Contrast Check

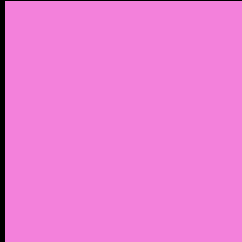
Large Text (above 18pt) WCAG AA × Fail

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 243, 129, 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](#).

R Y B 243, 129, 219 Background



This preview shows how black text looks on a background with the R Y B color 243, 129, 219.




This preview shows how white text looks on a background with the R Y B color 243, 129, 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
236, 143, 154

Trichromacy



Original Color

243, 129, 219



Protanomaly

179, 153, 237



Deuteranomaly

193, 153, 215



Tritanomaly

239, 138, 178

Monochromacy



Original Color

243, 129, 219



Achromatopsia

173, 173, 173



Achromatomaly

198, 157, 190

CSS Examples

Text

The CSS property to change the color of the text to RYB 243, 129, 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(243, 129, 219)` looks like.

```
.text, #text, p{  
    color:rgb(243, 129, 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(243, 129, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 129, 219) }
```

Border

The CSS property to change the border of an element to RYB 243, 129, 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(243, 129, 219) }
```

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

```
.border{ border-color:rgb(243, 129, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 129, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 129, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 129, 219);  
box-shadow:4px 4px 4px 4px rgb(243, 129,  
219) }
```

Background

The CSS property to change the background color of an element to RGB 243, 129, 219 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 129, 219) }
```

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

```
.background{ background-color: rgb(243,  
129, 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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