

Converting Colors

RGB(243, 153, 230)

Have a look what the booklet for
RGB(243, 153, 230) contains.

RGB(243, 153, 230)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(243, 153, 230)

Conversions

Conversions Part 1

Format	Color
Hex	F399E6
RGB	243, 153, 230
RGB Percent	95%, 60%, 90%
CMY	0.0471, 0.4000, 0.0980
CMYK	0.00, 0.37, 0.05, 0.05
HSL	309°, 79%, 78%
HSV	309°, 37%, 95%
XYZ	62.6363, 47.5503, 80.7397
YIQ	188.6880, 28.9230, 43.0270

Conversions

Conversions Part 2

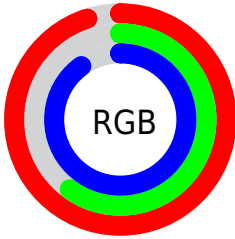
Format	Color
R_{YB}	243, 153, 230
Decimal	15964646
CIE _{Lab}	74.54, 44.85, -24.92
CIE _{LCh}	75, 51.308, 330.941
Yxy	47.5503, 0.3281, 0.2491
Android (android.graphics.Color)	4294154726 (0xFFFF399E6)
YUV	188.6880, 20.3668, 47.6316
Hunter-Lab	68.9567, 41.4648, -21.1515

Details

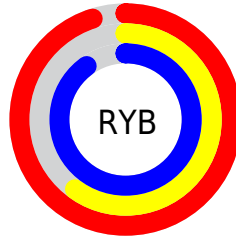
The RGB color **243, 153, 230** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **153, 243, 166**, and the grayscale version is **188, 188, 188**.

A 20% lighter version of the original color is **255, 209, 255**, and **185, 100, 174** is the 20% darker color. If you saturate the color by 10%, you get **243, 129, 226**, and if you desaturate by 10%, it is **243, 177, 234**.

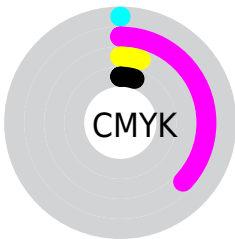
Distribution



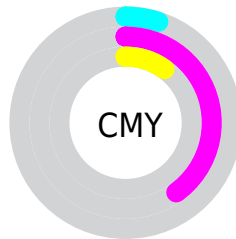
- Red (95%)
- Green (60%)
- Blue (90%)



- Red (95%)
- Yellow (60%)
- Blue (90%)



- Cyan (0%)
- Magenta (37%)
- Yellow (5%)
- Black (5%)



- Cyan (5%)
- Magenta (40%)
- Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the RGB color 243, 153, 230 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 RGB color 243, 153, 230 by changing the saturation by 10% instead.


 243, 153, 230

 243, 153, 230

255, 255, 255

 214, 126, 202

 255, 209, 255

 185, 100, 174

 255, 238, 255

 157, 74, 148

 130, 48, 122

 104, 20, 97

 78, 0, 73

 53, 0, 50

 28, 0, 28

 0, 0, 0

 243, 153, 230

 243, 153, 230

 243, 129, 226


 243, 177, 234

 243, 104, 223


 243, 202, 237

 243, 80, 219

 243, 226, 241

 243, 56, 216

 243, 250, 244

 243, 31, 212

 243, 255, 248

 243, 7, 209

 243, 255, 251

 243, 0, 208

 243, 255, 255

 243, 255, 255

Harmonies

Analogous

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



189, 170, 255



243, 153, 230



255, 144, 184

Triad

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



243, 153, 230



210, 181, 86



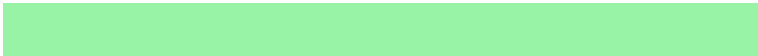
0, 206, 230

Complementary

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



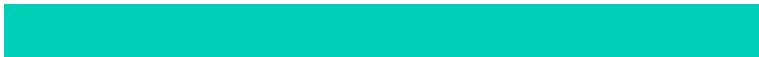
243, 153, 230



153, 243, 166

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, 207, 183



243, 153, 230



162, 195, 99

Square

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



243, 153, 230



248, 164, 101



101, 204, 136



0, 200, 255

Rectangle

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



243, 153, 230



255, 146, 152



101, 204, 136



0, 207, 216

Sweetspot

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



243, 153, 230



255, 227, 251



165, 153, 243



128, 111, 125



0, 0, 0



128, 128, 128

Same Dimension

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



243, 153, 230



255, 143, 239



243, 153, 186



122, 110, 121



186, 0, 159



59, 0, 50

Inverse Universe

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



243, 153, 230



255, 143, 239



153, 243, 210



122, 110, 121



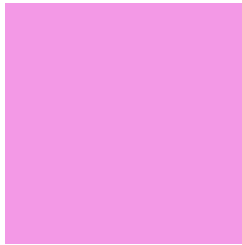
186, 0, 159



59, 0, 50

Previews

White Background



This preview shows how the RGB color 243, 153, 230 looks on a white background.

Color Contrast Check

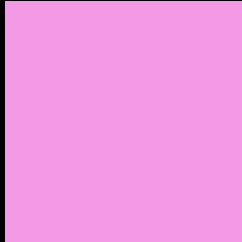
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RGB color 243, 153, 230 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 243, 153, 230 Background



This preview shows how black text looks on a background with the RGB color 243, 153, 230.

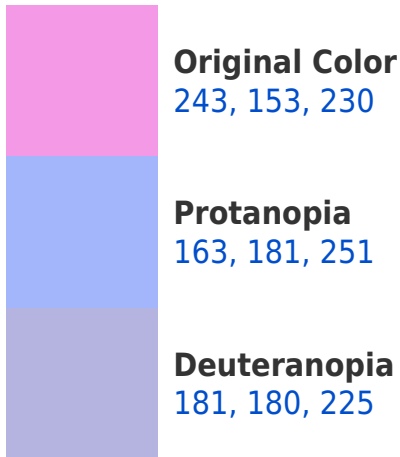



This preview shows how white text looks on a background with the RGB color 243, 153, 230.

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, 164, 176

Trichromacy



Original Color

243, 153, 230



Protanomaly

192, 171, 243



Deuteranomaly

204, 170, 227



Tritanomaly

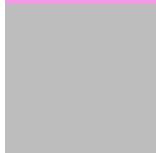
239, 160, 196

Monochromacy



Original Color

243, 153, 230



Achromatopsia

189, 189, 189



Achromatomaly

209, 176, 204

CSS Examples

Text

The CSS property to change the color of the text to RGB 243, 153, 230 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, 153, 230)` looks like.

```
.text, #text, p{  
    color:rgb(243, 153, 230)  
}
```

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, 153, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 153, 230) }
```

Border

The CSS property to change the border of an element to RGB 243, 153, 230 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, 153, 230) }
```

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

```
.border{ border-color:rgb(243, 153, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 153, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 153, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 153, 230);  
box-shadow:4px 4px 4px 4px rgb(243, 153,  
230) }
```

Background

The CSS property to change the background color of an element to RGB 243, 153, 230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 153, 230) }
```

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

```
.background{ background-color: rgb(243,  
153, 230) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor