

Converting Colors

RGB(247, 153, 243)

Have a look what the booklet for
RGB(247, 153, 243) contains.

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Color

RGB(247, 153, 243)

Conversions

Conversions Part 1

Format	Color
Hex	F799F3
RGB	247, 153, 243
RGB Percent	97%, 60%, 95%
CMY	0.0314, 0.4000, 0.0471
CMYK	0.00, 0.38, 0.02, 0.03
HSL	303°, 85%, 78%
HSV	303°, 38%, 97%
XYZ	65.9267, 49.0277, 90.7826
YIQ	191.3660, 27.1340, 47.9180

Conversions

Conversions Part 2

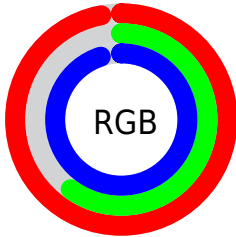
Format	Color
RYB	247, 153, 243
Decimal	16226803
CIELab	75.47, 48.34, -30.54
CIElCh	75, 57.175, 327.720
Yxy	49.0277, 0.3204, 0.2383
Android (android.graphics.Color)	4294416883 (0xFFFF799F3)
YUV	191.3660, 25.4556, 48.7910
Hunter-Lab	70.0198, 45.5309, -27.8573

Details

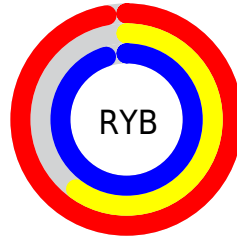
The RGB color **247, 153, 243** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **153, 247, 157**, and the grayscale version is **191, 191, 191**.

A 20% lighter version of the original color is **255, 209, 255**, and **189, 99, 187** is the 20% darker color. If you saturate the color by 10%, you get **247, 128, 242**, and if you desaturate by 10%, it is **247, 178, 244**.

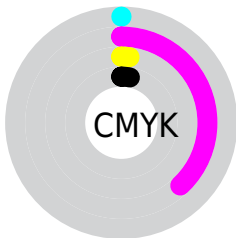
Distribution



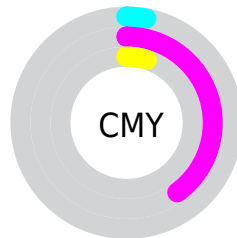
- Red (97%)
- Green (60%)
- Blue (95%)



- Red (97%)
- Yellow (60%)
- Blue (95%)



- Cyan (0%)
- Magenta (38%)
- Yellow (2%)
- Black (3%)




- Cyan (3%)
- Magenta (40%)
- Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the RGB color 247, 153, 243 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 247, 153, 243 by changing the saturation by 10% instead.

 247, 153, 243

 247, 153, 243


255, 255, 255

 218, 126, 214

 255, 209, 255

 189, 99, 187

 255, 238, 255

 161, 73, 159


 134, 47, 133


 107, 17, 107


 81, 0, 83

 55, 0, 59

 32, 0, 37

 0, 1, 13

 247, 153, 243

 247, 153, 243

 247, 128, 242

 247, 178, 244

 247, 104, 241


 247, 202, 245

 247, 79, 240

 247, 227, 246

 247, 54, 239

 247, 252, 247

 247, 29, 238

 247, 255, 248

 247, 5, 237

 247, 255, 249

 247, 0, 236

 247, 255, 250

 247, 255, 251

 247, 255, 252

Harmonies

Analogous

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



182, 174, 255



247, 153, 243



255, 141, 192

Triad

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



247, 153, 243



220, 182, 76



0, 212, 233

Complementary

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



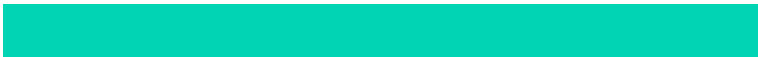
247, 153, 243



153, 247, 157

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, 212, 180



247, 153, 243



167, 197, 88

Square

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



247, 153, 243



255, 162, 97



100, 207, 127



0, 206, 255

Rectangle

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



247, 153, 243



255, 142, 157



100, 207, 127



0, 212, 216

Sweetspot

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



247, 153, 243



255, 227, 254



156, 153, 247



128, 111, 127



0, 0, 0



128, 128, 128

Same Dimension

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



247, 153, 243



255, 138, 250



247, 153, 197



122, 110, 122



186, 0, 178



59, 0, 56

Inverse Universe

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



247, 153, 243



255, 138, 250



153, 247, 203



122, 110, 122



186, 0, 178



59, 0, 56

Previews

White Background



This preview shows how the RGB color 247, 153, 243 looks on a white background.

Color Contrast Check

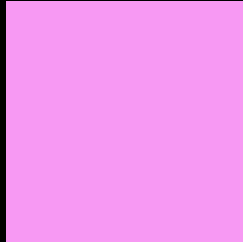
Large Text (above 18pt) WCAG AA × Fail

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 247, 153, 243 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 247, 153, 243 Background



This preview shows how black text looks on a background with the RGB color 247, 153, 243.




This preview shows how white text looks on a background with the RGB color 247, 153, 243.

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
239, 166, 179

Trichromacy



Original Color

247, 153, 243



Protanomaly

195, 173, 251



Deuteranomaly

202, 172, 240



Tritanomaly

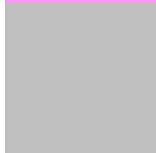
242, 161, 202

Monochromacy



Original Color

247, 153, 243



Achromatopsia

191, 191, 191



Achromatomaly

211, 177, 210

CSS Examples

Text

The CSS property to change the color of the text to RGB 247, 153, 243 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(247, 153, 243)` looks like.

```
.text, #text, p{  
    color:rgb(247, 153, 243)  
}
```

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(247, 153, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 153, 243) }
```

Border

The CSS property to change the border of an element to RGB 247, 153, 243 is called "border". The border property can be set on classes, ids or directly on the HTML element.

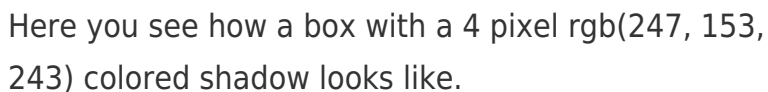
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(247, 153, 243) }
```

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

```
.border{ border-color:rgb(247, 153, 243) }
```

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



Here you see how a box with a 4 pixel `rgb(247, 153, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(247, 153, 243); -webkit-box-shadow:4px 4px 4px 4px rgb(247, 153, 243); box-shadow:4px 4px 4px 4px rgb(247, 153, 243) }
```

Background

The CSS property to change the background color of an element to RGB 247, 153, 243 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 153, 243) }
```

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

```
.background{ background-color: rgb(247,  
153, 243) }
```

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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