

Converting Colors

RGB(255, 153, 248)

Have a look what the booklet for
RGB(255, 153, 248) contains.

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Color

RGB(255, 153, 248)

Conversions

Conversions Part 1

Format	Color
Hex	FF99F8
RGB	255, 153, 248
RGB Percent	100%, 60%, 97%
CMY	0.0000, 0.4000, 0.0275
CMYK	0.00, 0.40, 0.03, 0.00
HSL	304°, 100%, 80%
HSV	304°, 40%, 100%
XYZ	69.5745, 50.8198, 94.9492
YIQ	194.3280, 30.2970, 51.1690

Conversions

Conversions Part 2

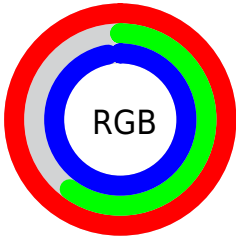
Format	Color
R _Y B	255, 153, 248
Decimal	16751096
CIE Lab	76.57, 51.61, -31.47
CIE LCh	77, 60.449, 328.623
Yxy	50.8198, 0.3231, 0.2360
Android (android.graphics.Color)	4294941176 (0xFFFF99F8)
YUV	194.3280, 26.4603, 53.2093
Hunter-Lab	71.2880, 49.4556, -29.0673

Details

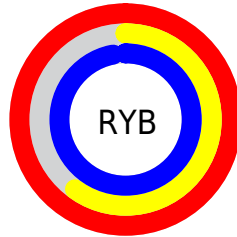
The RGB color **255, 153, 248** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **153, 255, 160**, and the grayscale version is **194, 194, 194**.

A 20% lighter version of the original color is **255, 209, 255**, and **197, 99, 191** is the 20% darker color. If you saturate the color by 10%, you get **255, 128, 246**, and if you desaturate by 10%, it is **255, 179, 250**.

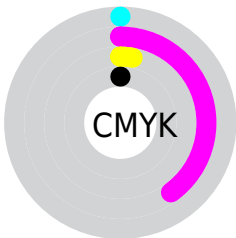
Distribution



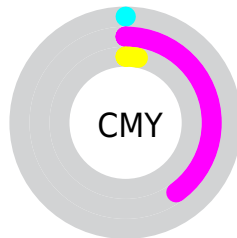
- Red (100%)
- Green (60%)
- Blue (97%)



- Red (100%)
- Yellow (60%)
- Blue (97%)



- Cyan (0%)
- Magenta (40%)
- Yellow (3%)
- Black (0%)




- Cyan (0%)
- Magenta (40%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the RGB color 255, 153, 248 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 255, 153, 248 by changing the saturation by 10% instead.

 255, 153, 248

 255, 153, 248

255, 255, 255

 225, 126, 219

 255, 209, 255

 197, 99, 191

 255, 238, 255

 168, 72, 164

 140, 45, 137

 113, 11, 112

 87, 0, 87


 61, 0, 63

 38, 0, 41


 0, 1, 18

 255, 153, 248


 255, 153, 248

 255, 128, 246


 255, 179, 250

 255, 102, 245

 255, 204, 252

 255, 77, 243

 255, 230, 253

 255, 51, 241

255, 255, 255

 255, 25, 239

 255, 0, 238

Harmonies

Analogous

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



187, 175, 255



255, 153, 248



255, 140, 194

Triad

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



255, 153, 248



223, 185, 71



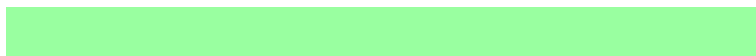
0, 216, 241

Complementary

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



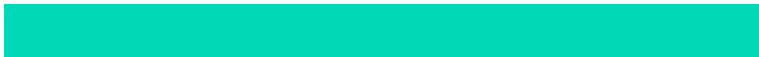
255, 153, 248



153, 255, 160

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, 216, 184



255, 153, 248



167, 201, 85

Square

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



255, 153, 248



255, 164, 94



93, 212, 128



0, 209, 255

Rectangle

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



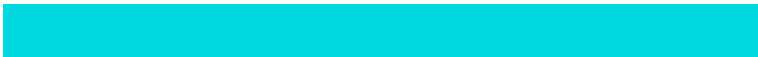
255, 153, 248



255, 142, 156



93, 212, 128



0, 217, 223

Sweetspot

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



255, 153, 248



255, 224, 253



160, 153, 255



128, 110, 126



0, 0, 0



128, 128, 128

Same Dimension

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



255, 153, 248



255, 133, 247



255, 153, 197



128, 115, 127



191, 0, 178



64, 0, 59

Inverse Universe

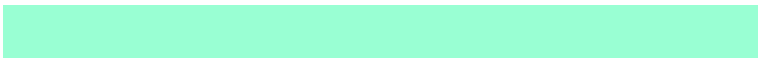
The Inverse Universe completely reimagines the original color for something new.



255, 153, 248



255, 133, 247



153, 255, 211



128, 115, 127



191, 0, 178



64, 0, 59

Previews

White Background



This preview shows how the RGB color 255, 153, 248 looks on a white background.

Color Contrast Check

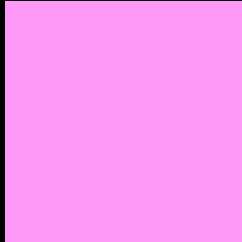
Large Text (above 18pt) WCAG AA × Fail

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 255, 153, 248 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, 153, 248 Background



This preview shows how black text looks on a background with the RGB color 255, 153, 248.



This preview shows how white text looks on a background with the RGB color 255, 153, 248.

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



Original Color
255, 153, 248

Protanopia
169, 187, 255

Deuteranopia
180, 186, 242



Tritanopia
246, 167, 180

Trichromacy



Original Color

255, 153, 248



Protanomaly

200, 175, 252



Deuteranomaly

207, 174, 244



Tritanomaly

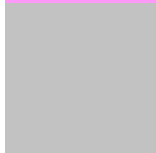
249, 162, 205

Monochromacy



Original Color

255, 153, 248



Achromatopsia

194, 194, 194



Achromatomaly

216, 179, 214

CSS Examples

Text

The CSS property to change the color of the text to RGB 255, 153, 248 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, 153, 248)` looks like.

```
.text, #text, p{  
    color:rgb(255, 153, 248)  
}
```

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, 153, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 153, 248) }
```

Border

The CSS property to change the border of an element to RGB 255, 153, 248 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, 153, 248) }
```

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

```
.border{ border-color:rgb(255, 153, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 153, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 153, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 153, 248);  
box-shadow:4px 4px 4px 4px rgb(255, 153,  
248) }
```

Background

The CSS property to change the background color of an element to RGB 255, 153, 248 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 153, 248) }
```

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

```
.background{ background-color: rgb(255,  
153, 248) }
```

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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