

Converting Colors

RGB(255, 136, 190)

Have a look what the booklet for
RGB(255, 136, 190) contains.

RGB(255, 136, 190)	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(255, 136, 190)

Conversions

Conversions Part 1

Format	Color
Hex	FF88BE
RGB	255, 136, 190
RGB Percent	100%, 53%, 75%
CMY	0.0000, 0.4667, 0.2549
CMYK	0.00, 0.47, 0.25, 0.00
HSL	333°, 100%, 77%
HSV	333°, 47%, 100%
XYZ	59.3384, 42.5860, 53.8076
YIQ	177.7370, 53.5900, 42.0220

Conversions

Conversions Part 2

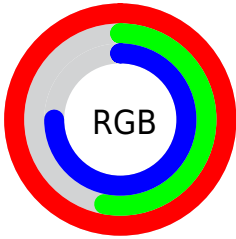
Format	Color
R_{YB}	255, 136, 190
Decimal	16746686
CIE _{Lab}	71.27, 51.16, -7.65
CIE _{LCh}	71, 51.728, 351.494
Yxy	42.5860, 0.3810, 0.2735
Android (android.graphics.Color)	4294936766 (0xFFFF88BE)
YUV	177.7370, 6.0457, 67.7597
Hunter-Lab	65.2580, 48.1068, -3.2063

Details

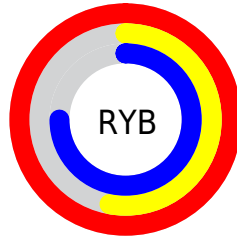
The RGB color **255, 136, 190** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **136, 255, 201**, and the grayscale version is **178, 178, 178**.

A 20% lighter version of the original color is **255, 192, 246**, and **196, 82, 137** is the 20% darker color. If you saturate the color by 10%, you get **255, 111, 176**, and if you desaturate by 10%, it is **255, 162, 204**.

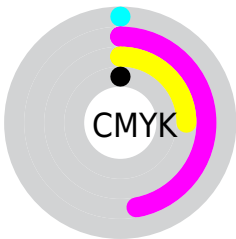
Distribution



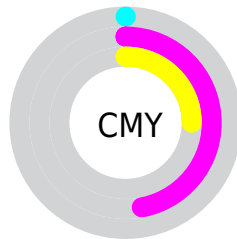
- Red (100%)
- Green (53%)
- Blue (75%)



- Red (100%)
- Yellow (53%)
- Blue (75%)



- Cyan (0%)
- Magenta (47%)
- Yellow (25%)
- Black (0%)



- Cyan (0%)
- Magenta (47%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the RGB color 255, 136, 190 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, 136, 190 by changing the saturation by 10% instead.

 255, 136, 190

255, 255, 255

 255, 192, 246

 255, 221, 255

 255, 250, 255


 255, 136, 190

 225, 109, 163

 196, 82, 137

 167, 55, 111

 138, 24, 87

 111, 0, 64

 83, 0, 42

 59, 0, 22

 27, 0, 1

 0, 0, 0

■ 255, 136, 190

■ 255, 136, 190

■ 255, 111, 176

■ 255, 162, 204

■ 255, 85, 162

■ 255, 187, 218

■ 255, 60, 148

■ 255, 213, 232

■ 255, 34, 134

■ 255, 238, 246

■ 255, 9, 120

255, 255, 255

■ 255, 0, 116

Harmonies

Analogous

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



220, 149, 234



255, 136, 190



255, 137, 143

Triad

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



255, 136, 190



169, 182, 83



0, 194, 247

Complementary

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



255, 136, 190



136, 255, 201

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, 198, 208



255, 136, 190



113, 192, 114

Square

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



255, 136, 190



214, 167, 79



0, 198, 159



41, 183, 255

Rectangle

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



255, 136, 190



255, 145, 114



0, 198, 159



0, 196, 236

Sweetspot

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



255, 136, 190



255, 219, 236



199, 136, 255



128, 106, 116



0, 0, 0



128, 128, 128

Same Dimension

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



255, 136, 190



255, 112, 177



255, 140, 136



128, 115, 121



191, 0, 87



64, 0, 29

Inverse Universe

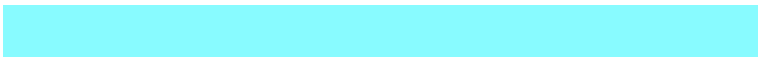
The Inverse Universe completely reimagines the original color for something new.



255, 136, 190



255, 112, 177



136, 251, 255



128, 115, 121



191, 0, 87



64, 0, 29

Previews

White Background



This preview shows how the RGB color 255, 136, 190 looks on a white background.

Color Contrast Check

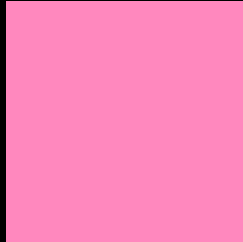
Large Text (above 18pt) WCAG AA × Fail

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, 136, 190 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, 136, 190 Background



This preview shows how black text looks on a background with the RGB color 255, 136, 190.



This preview shows how white text looks on a background with the RGB color 255, 136, 190.

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, 136, 190

Protanopia
166, 173, 214

Deuteranopia
188, 170, 184



Tritanopia
251, 143, 153

Trichromacy



Original Color

255, 136, 190



Protanomaly

198, 160, 205



Deuteranomaly

212, 158, 186



Tritanomaly

252, 140, 166

Monochromacy



Original Color

255, 136, 190



Achromatopsia

178, 178, 178



Achromatomaly

206, 163, 182

CSS Examples

Text

The CSS property to change the color of the text to RGB 255, 136, 190 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, 136, 190)` looks like.

```
.text, #text, p{  
    color:rgb(255, 136, 190)  
}
```

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, 136, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 136, 190) }
```

Border

The CSS property to change the border of an element to RGB 255, 136, 190 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, 136, 190) }
```

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

```
.border{ border-color:rgb(255, 136, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 136, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 136, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 136, 190);  
box-shadow:4px 4px 4px 4px rgb(255, 136,  
190) }
```

Background

The CSS property to change the background color of an element to RGB 255, 136, 190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 136, 190) }
```

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

```
.background{ background-color: rgb(255,  
136, 190) }
```

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