

Converting Colors

RGB(255, 186, 253)

Have a look what the booklet for
RGB(255, 186, 253) contains.

RGB(255, 186, 253)	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, 186, 253)

Conversions

Conversions Part 1

Format	Color
Hex	FFBAFD
RGB	255, 186, 253
RGB Percent	100%, 73%, 99%
CMY	0.0000, 0.2706, 0.0078
CMYK	0.00, 0.27, 0.01, 0.00
HSL	302°, 100%, 86%
HSV	302°, 27%, 100%
XYZ	76.5285, 63.4697, 101.1459
YIQ	214.2690, 19.6170, 35.4650

Conversions

Conversions Part 2

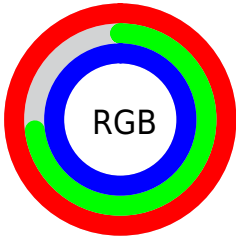
Format	Color
R _Y B	255, 186, 253
Decimal	16759549
CIE _{Lab}	83.69, 35.46, -23.27
CIE _{LCh}	84, 42.415, 326.729
Yxy	63.4697, 0.3174, 0.2632
Android (android.graphics.Color)	4294949629 (0xFFFFBAFD)
YUV	214.2690, 19.0944, 35.7211
Hunter-Lab	79.6678, 32.0475, -19.5068

Details

The RGB color **255, 186, 253** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **186, 255, 188**, and the grayscale version is **214, 214, 214**.

A 20% lighter version of the original color is **255, 243, 255**, and **197, 132, 196** is the 20% darker color. If you saturate the color by 10%, you get **255, 161, 252**, and if you desaturate by 10%, it is **255, 211, 254**.

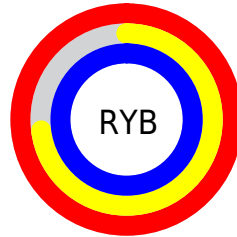
Distribution



Red (100%)

Green (73%)

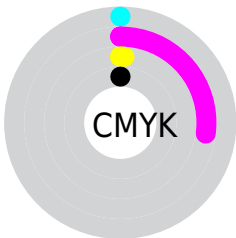
Blue (99%)



Red (100%)

Yellow (73%)

Blue (99%)

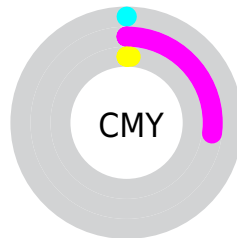


Cyan (0%)

Magenta (27%)

Yellow (1%)

Black (0%)



Cyan (0%)


Magenta (27%)

Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the RGB color 255, 186, 253 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, 186, 253 by changing the saturation by 10% instead.

 255, 186, 253


 255, 186, 253

255, 255, 255

 226, 159, 224


 255, 243, 255

 197, 132, 196

 170, 106, 169

 142, 81, 142

 116, 56, 117

 90, 32, 92

 66, 5, 68

 43, 0, 46

 7, 0, 24

■ 255, 186, 253

■ 255, 186, 253

■ 255, 161, 252

■ 255, 211, 254

■ 255, 135, 252

■ 255, 237, 254

■ 255, 109, 251

255, 255, 255

■ 255, 84, 250

■ 255, 58, 249

■ 255, 33, 249

■ 255, 8, 248

■ 255, 0, 248

Harmonies

Analogous

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



207, 200, 255



255, 186, 253



255, 178, 215

Triad

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



255, 186, 253



239, 205, 128



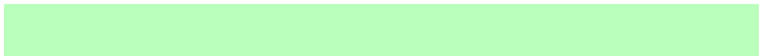
52, 229, 243

Complementary

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



255, 186, 253



186, 255, 188

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.



100, 230, 203



255, 186, 253



198, 217, 136

Square

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



255, 186, 253



255, 191, 143



151, 226, 163



77, 224, 255

Rectangle

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



255, 186, 253



255, 178, 188



151, 226, 163



65, 230, 230

Sweetspot

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



255, 186, 253



255, 235, 254



187, 186, 255



128, 115, 127



0, 0, 0



128, 128, 128

Same Dimension

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



255, 186, 253



255, 173, 253



255, 186, 219



128, 115, 127



191, 0, 186



64, 0, 62

Inverse Universe

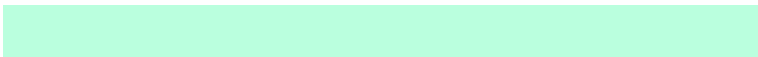
The Inverse Universe completely reimagines the original color for something new.



255, 186, 253



255, 173, 253



186, 255, 222



128, 115, 127



191, 0, 186



64, 0, 62

Previews

White Background



This preview shows how the RGB color 255, 186, 253 looks on a white background.

Color Contrast Check

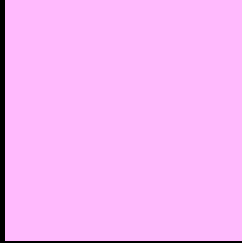
Large Text (above 18pt) WCAG AA × Fail

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, 186, 253 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, 186, 253 Background



This preview shows how black text looks on a background with the RGB color 255, 186, 253.



This preview shows how white text looks on a background with the RGB color 255, 186, 253.

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, 186, 253

Protanopia
197, 207, 255

Deuteranopia
209, 204, 250



Tritanopia
249, 194, 209

Trichromacy



Original Color

255, 186, 253



Protanomaly

218, 199, 254



Deuteranomaly

226, 197, 251



Tritanomaly

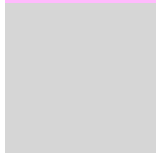
251, 191, 225

Monochromacy



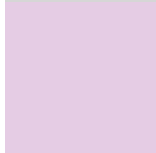
Original Color

255, 186, 253



Achromatopsia

214, 214, 214



Achromatomaly

229, 204, 228

CSS Examples

Text

The CSS property to change the color of the text to RGB 255, 186, 253 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, 186, 253)` looks like.

```
.text, #text, p{  
    color:rgb(255, 186, 253)  
}
```

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, 186, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 186, 253) }
```

Border

The CSS property to change the border of an element to RGB 255, 186, 253 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, 186, 253) }
```

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

```
.border{ border-color:rgb(255, 186, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 186, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 186, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 186, 253);  
box-shadow:4px 4px 4px 4px rgb(255, 186,  
253) }
```

Background

The CSS property to change the background color of an element to RGB 255, 186, 253 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 186, 253) }
```

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

```
.background{ background-color: rgb(255,  
186, 253) }
```

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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