

Converting Colors

RGB(255, 189, 246)

Have a look what the booklet for
RGB(255, 189, 246) contains.

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Color

RGB(255, 189, 246)

Conversions

Conversions Part 1

Format	Color
Hex	FFBDF6
RGB	255, 189, 246
RGB Percent	100%, 74%, 96%
CMY	0.0000, 0.2588, 0.0353
CMYK	0.00, 0.26, 0.04, 0.00
HSL	308°, 100%, 87%
HSV	308°, 26%, 100%
XYZ	76.0721, 64.3090, 95.5922
YIQ	215.2320, 21.0390, 31.7190

Conversions

Conversions Part 2

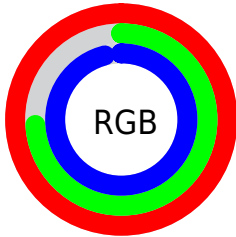
Format	Color
R _Y B	255, 189, 246
Decimal	16760310
CIE _{Lab}	84.13, 32.65, -18.88
CIE _{LCh}	84, 37.713, 329.968
Yxy	64.3090, 0.3224, 0.2725
Android (android.graphics.Color)	4294950390 (0xFFFFBDF6)
YUV	215.2320, 15.1686, 34.8765
Hunter-Lab	80.1929, 28.9901, -14.5403

Details

The RGB color **255, 189, 246** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **189, 255, 198**, and the grayscale version is **215, 215, 215**.

A 20% lighter version of the original color is **255, 246, 255**, and **198, 135, 190** is the 20% darker color. If you saturate the color by 10%, you get **255, 164, 243**, and if you desaturate by 10%, it is **255, 215, 249**.

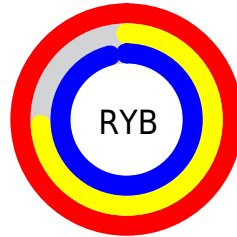
Distribution



Red (100%)

Green (74%)

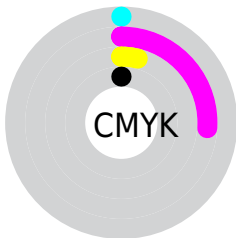
Blue (96%)



Red (100%)

Yellow (74%)

Blue (96%)

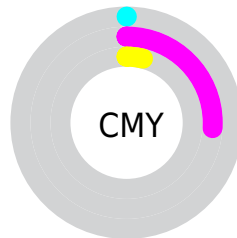


Cyan (0%)

Magenta (26%)

Yellow (4%)

Black (0%)



Cyan (0%)

Magenta (26%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the RGB color 255, 189, 246 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, 189, 246 by changing the saturation by 10% instead.

 255, 189, 246


 255, 189, 246


255, 255, 255

 226, 162, 217


 255, 246, 255

 198, 135, 190

 170, 109, 162

 143, 84, 136

 116, 60, 111

 91, 36, 86

 66, 11, 63

 43, 0, 41

 9, 0, 19

 255, 189, 246

 255, 189, 246

 255, 164, 243


 255, 215, 249

 255, 138, 239


 255, 240, 253


 255, 113, 236

255, 255, 255

 255, 87, 232

 255, 62, 229

 255, 36, 225

 255, 11, 222

 255, 0, 220

Harmonies

Analogous

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



214, 201, 255



255, 189, 246



255, 183, 211

Triad

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



255, 189, 246



234, 208, 139



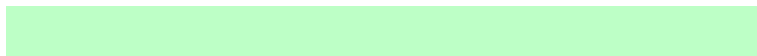
89, 228, 244

Complementary

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



255, 189, 246



189, 255, 198

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.



114, 229, 209



255, 189, 246



197, 218, 147

Square

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



255, 189, 246



255, 195, 149



155, 226, 173



110, 223, 255

Rectangle

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



255, 189, 246



255, 184, 187



155, 226, 173



93, 229, 233

Sweetspot

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



255, 189, 246



255, 235, 252



198, 189, 255



128, 115, 126



0, 0, 0



128, 128, 128

Same Dimension

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



255, 189, 246



255, 176, 244



255, 189, 213



128, 115, 126



191, 0, 165



64, 0, 55

Inverse Universe

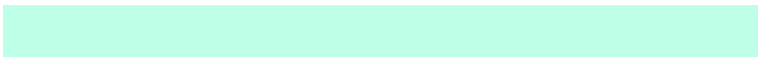
The Inverse Universe completely reimagines the original color for something new.



255, 189, 246



255, 176, 244



189, 255, 231



128, 115, 126



191, 0, 165



64, 0, 55

Previews

White Background



This preview shows how the RGB color 255, 189, 246 looks on a white background.

Color Contrast Check

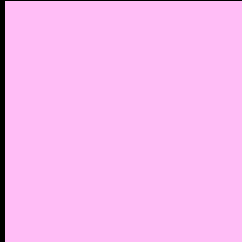
Large Text (above 18pt) WCAG AA × Fail

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, 189, 246 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, 189, 246 Background



This preview shows how black text looks on a background with the RGB color 255, 189, 246.

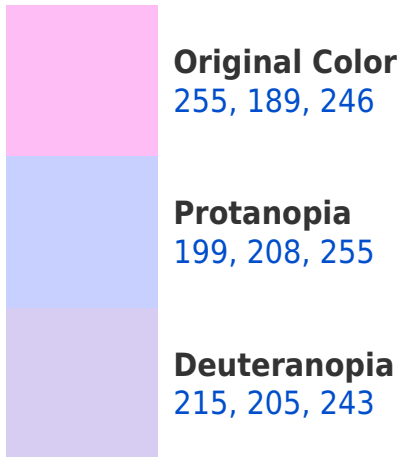


This preview shows how white text looks on a background with the RGB color 255, 189, 246.

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
250, 195, 211

Trichromacy



Original Color

255, 189, 246



Protanomaly

219, 201, 252



Deuteranomaly

230, 199, 244



Tritanomaly

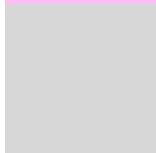
252, 193, 224

Monochromacy



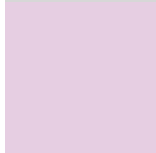
Original Color

255, 189, 246



Achromatopsia

215, 215, 215



Achromatomaly

230, 206, 226

CSS Examples

Text

The CSS property to change the color of the text to RGB 255, 189, 246 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, 189, 246)` looks like.

```
.text, #text, p{  
    color:rgb(255, 189, 246)  
}
```

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, 189, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 189, 246) }
```

Border

The CSS property to change the border of an element to RGB 255, 189, 246 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, 189, 246) }
```

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

```
.border{ border-color:rgb(255, 189, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 189, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 189, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 189, 246);  
box-shadow:4px 4px 4px 4px rgb(255, 189,  
246) }
```

Background

The CSS property to change the background color of an element to RGB 255, 189, 246 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 189, 246) }
```

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

```
.background{ background-color: rgb(255,  
189, 246) }
```

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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