

Converting Colors

`RYB(255, 195, 246)`

Have a look what the booklet for
RYB(255, 195, 246) contains.

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Color

R_YB(255, 195, 246)

Conversions

Conversions Part 1

Format	Color
Hex	FFC3F6
RGB	255, 195, 246
RGB Percent	100%, 76%, 96%
CMY	0.0000, 0.2353, 0.0353
CMYK	0.00, 0.24, 0.04, 0.00
HSL	309°, 100%, 88%
HSV	309°, 24%, 100%
XYZ	77.3897, 66.9440, 96.0314
YIQ	218.7540, 19.3890, 28.5810

Conversions

Conversions Part 2

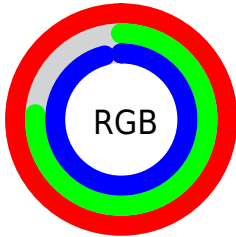
Format	Color
R _Y B	255, 195, 246
Decimal	16761846
CIE Lab	85.48, 29.50, -16.84
CIE LCh	85, 33.968, 330.277
Yxy	66.9440, 0.3220, 0.2785
Android (android.graphics.Color)	4294951926 (0xFFFFC3F6)
YUV	218.7540, 13.4323, 31.7877
Hunter-Lab	81.8193, 25.6522, -12.3152

Details

The RYB color **255, 195, 246** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **195, 247, 255**, and the grayscale version is **219, 219, 219**.

A 20% lighter version of the original color is **255, 252, 255**, and **198, 141, 190** is the 20% darker color. If you saturate the color by 10%, you get **255, 170, 242**, and if you desaturate by 10%, it is **255, 220, 250**.

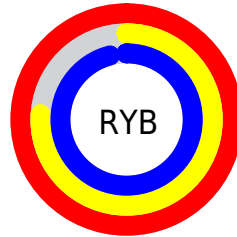
Distribution



Red (100%)

Green (76%)

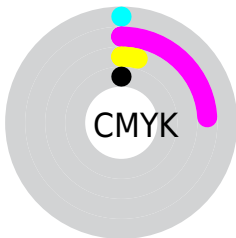
Blue (96%)



Red (100%)

Yellow (76%)

Blue (96%)

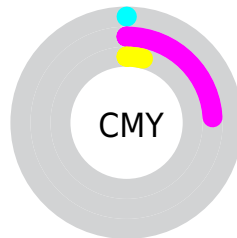


Cyan (0%)

Magenta (24%)

Yellow (4%)

Black (0%)



Cyan (0%)

Magenta (24%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the RYB color 255, 195, 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 RYB color 255, 195, 246 by changing the saturation by 10% instead.

 255, 195, 246


255, 255, 255


 255, 252, 255

 255, 195, 246


 226, 168, 217

 198, 141, 190

 170, 115, 163


 143, 90, 136

 117, 65, 111

 91, 42, 86


 67, 19, 63

 44, 0, 41

 15, 0, 20

 255, 195, 246

 255, 195, 246

 255, 170, 242

 255, 220, 250

 255, 144, 238

 255, 246, 254


 255, 119, 235

255, 255, 255

 255, 93, 231

 255, 67, 227

 255, 42, 223

 255, 16, 219

 255, 0, 217

Harmonies

Analogous

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



219, 205, 255



255, 195, 246



255, 190, 215

Triad

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



255, 195, 246



182, 236, 149



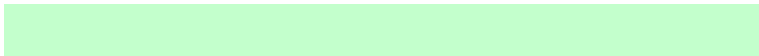
113, 175, 245

Complementary

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



255, 195, 246



195, 247, 255

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.



130, 185, 231



255, 195, 246



157, 221, 176

Square

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



255, 195, 246



255, 234, 159



165, 215, 228



130, 184, 255

Rectangle

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



255, 195, 246



255, 191, 193



165, 215, 228



115, 174, 235

Sweetspot

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



255, 195, 246



255, 237, 252



204, 195, 255



128, 117, 126



0, 0, 0



128, 128, 128

Same Dimension

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



255, 195, 246



255, 184, 244



255, 195, 216



128, 115, 126



191, 0, 163



64, 0, 54

Inverse Universe

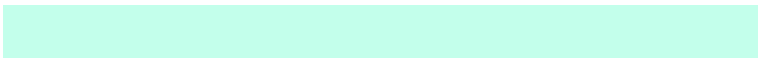
The Inverse Universe completely reimagines the original color for something new.



255, 195, 246



255, 184, 244



195, 231, 255



128, 115, 126



191, 0, 163



64, 0, 54

Previews

White Background



This preview shows how the RYB color 255, 195, 246 looks on a white background.

Color Contrast Check

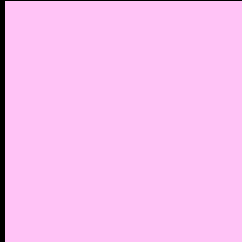
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RYB color 255, 195, 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](#).

RYB 255, 195, 246 Background



This preview shows how black text looks on a background with the RYB color 255, 195, 246.



This preview shows how white text looks on a background with the RYB color 255, 195, 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



Original Color
255, 195, 246

Protanopia
205, 211, 255

Deuteranopia
221, 208, 243



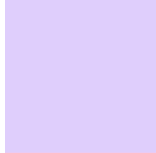
Tritanopia
251, 200, 216

Trichromacy



Original Color

255, 195, 246



Protanomaly

223, 206, 252



Deuteranomaly

233, 203, 244



Tritanomaly

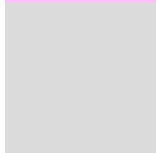
252, 198, 227

Monochromacy



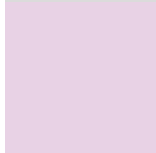
Original Color

255, 195, 246



Achromatopsia

219, 219, 219



Achromatomaly

232, 210, 229

CSS Examples

Text

The CSS property to change the color of the text to RYB 255, 195, 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, 195, 246) looks like.

```
.text, #text, p{  
    color:rgb(255, 195, 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, 195, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 195, 246) }
```

Border

The CSS property to change the border of an element to RYB 255, 195, 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, 195, 246) }
```

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

```
.border{ border-color:rgb(255, 195, 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, 195, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 195, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 195, 246);  
box-shadow:4px 4px 4px 4px rgb(255, 195,  
246) }
```

Background

The CSS property to change the background color of an element to RYB 255, 195, 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, 195, 246) }
```

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

```
.background{ background-color: rgb(255,  
195, 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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