

Converting Colors

`RYB(254, 167, 230)`

Have a look what the booklet for
RYB(254, 167, 230) contains.

RYB(254, 167, 230)	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

`RYB(254, 167, 230)`

Conversions

Conversions Part 1

Format	Color
Hex	FEA7E6
RGB	254, 167, 230
RGB Percent	100%, 65%, 90%
CMY	0.0039, 0.3451, 0.0980
CMYK	0.00, 0.34, 0.09, 0.00
HSL	317°, 98%, 83%
HSV	317°, 34%, 100%
XYZ	68.9747, 54.4214, 81.7319
YIQ	200.1950, 31.6290, 38.0370

Conversions

Conversions Part 2

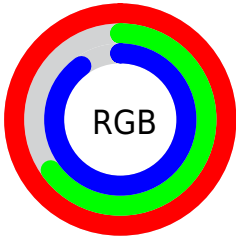
Format	Color
RYB	254, 167, 230
Decimal	16689126
CIELab	78.71, 41.10, -18.48
CIElCh	79, 45.061, 335.794
Yxy	54.4214, 0.3363, 0.2653
Android (android.graphics.Color)	4294879206 (0xFFFEA7E6)
YUV	200.1950, 14.6939, 47.1870
Hunter-Lab	73.7709, 37.7958, -14.0487

Details

The RYB color **254, 167, 230** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **167, 235, 254**, and the grayscale version is **200, 200, 200**.

A 20% lighter version of the original color is **255, 223, 255**, and **196, 113, 174** is the 20% darker color. If you saturate the color by 10%, you get **254, 142, 223**, and if you desaturate by 10%, it is **254, 192, 237**.

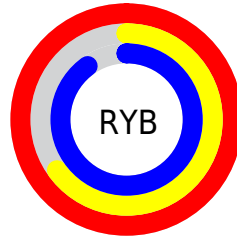
Distribution



Red (100%)

Green (65%)

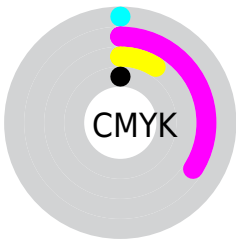
Blue (90%)



Red (100%)

Yellow (65%)

Blue (90%)

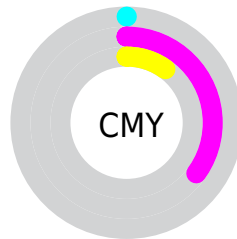


Cyan (0%)

Magenta (34%)

Yellow (9%)

Black (0%)



Cyan (0%)


Magenta (35%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the RYB color 254, 167, 230 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 254, 167, 230 by changing the saturation by 10% instead.


 254, 167, 230

255, 255, 255

 255, 223, 255


 255, 252, 255

 254, 167, 230

 225, 140, 202

 196, 113, 174


 168, 88, 148

 141, 62, 122

 114, 37, 97

 88, 6, 73

 62, 0, 50

 41, 0, 29

 0, 0, 0

■ 254, 167, 230

■ 254, 167, 230

■ 254, 142, 223

■ 254, 192, 237

■ 254, 116, 216

■ 254, 218, 244

■ 254, 91, 209

■ 254, 243, 251

■ 254, 65, 202

254, 255, 255

■ 254, 40, 195

■ 254, 15, 188

■ 254, 0, 184

Harmonies

Analogous

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



210, 181, 255



254, 167, 230



255, 161, 188

Triad

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



254, 167, 230



133, 214, 110



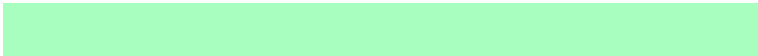
0, 114, 242

Complementary

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



254, 167, 230



167, 235, 254

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.



44, 134, 217



254, 167, 230



125, 207, 163

Square

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



254, 167, 230



250, 233, 119



117, 185, 214



58, 143, 255

Rectangle

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



254, 167, 230



255, 164, 161



117, 185, 214



0, 111, 230

Sweetspot

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



254, 167, 230



255, 230, 248



190, 167, 254



128, 112, 123



0, 0, 0



128, 128, 128

Same Dimension

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



254, 167, 230



255, 150, 226



254, 167, 187



128, 115, 124



191, 0, 138



64, 0, 46

Inverse Universe

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



254, 167, 230



255, 150, 226



167, 216, 254



128, 115, 124



191, 0, 138



64, 0, 46

Previews

White Background



This preview shows how the RYB color 254, 167, 230 looks on a white background.

Color Contrast Check

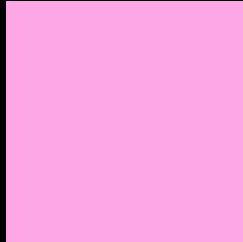
Large Text (above 18pt) WCAG AA × Fail

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 254, 167, 230 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 254, 167, 230 Background



This preview shows how black text looks on a background with the RGB color 254, 167, 230.

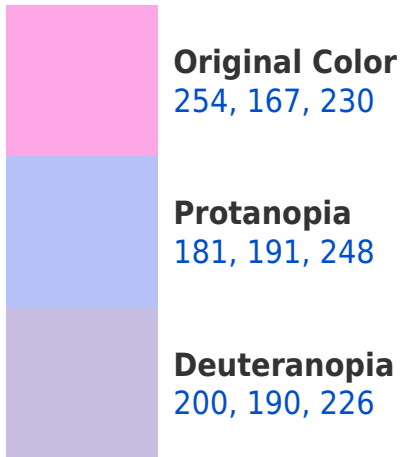


This preview shows how white text looks on a background with the RGB color 254, 167, 230.

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
249, 175, 188

Trichromacy



Original Color

254, 167, 230



Protanomaly

208, 184, 241



Deuteranomaly

220, 182, 227



Tritanomaly

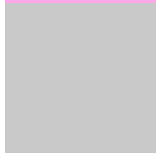
251, 172, 203

Monochromacy



Original Color

254, 167, 230



Achromatopsia

200, 200, 200



Achromatomaly

220, 188, 211

CSS Examples

Text

The CSS property to change the color of the text to RYB 254, 167, 230 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(254, 167, 230) looks like.

```
.text, #text, p{  
    color:rgb(254, 167, 230)  
}
```

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(254, 167, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 167, 230) }
```

Border

The CSS property to change the border of an element to RYB 254, 167, 230 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(254, 167, 230) }
```

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

```
.border{ border-color:rgb(254, 167, 230) }
```

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

Here you see how a box with a 4 pixel rgb(254, 167, 230) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 167, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 167, 230);  
box-shadow:4px 4px 4px 4px rgb(254, 167,  
230) }
```

Background

The CSS property to change the background color of an element to RYB 254, 167, 230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 167, 230) }
```

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

```
.background{ background-color: rgb(254,  
167, 230) }
```

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