

Converting Colors

`RYB(251, 147, 217)`

Have a look what the booklet for
RYB(251, 147, 217) contains.

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Color

R_YB(251, 147, 217)

Conversions

Conversions Part 1

Format	Color
Hex	FB93D9
RGB	251, 147, 217
RGB Percent	98%, 58%, 85%
CMY	0.0157, 0.4235, 0.1490
CMYK	0.00, 0.41, 0.14, 0.02
HSL	320°, 93%, 78%
HSV	320°, 41%, 98%
XYZ	62.7418, 46.3864, 71.2923
YIQ	186.0760, 39.5140, 43.8180

Conversions

Conversions Part 2

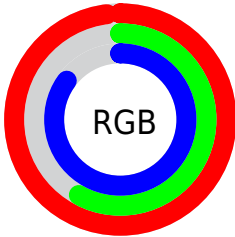
Format	Color
R_{YB}	251, 147, 217
Decimal	16487385
CIE _{Lab}	73.80, 48.30, -18.85
CIE _{LCh}	74, 51.852, 338.683
Yxy	46.3864, 0.3478, 0.2571
Android (android.graphics.Color)	4294677465 (0xFFFB93D9)
YUV	186.0760, 15.2455, 56.9383
Hunter-Lab	68.1076, 45.2487, -14.3871

Details

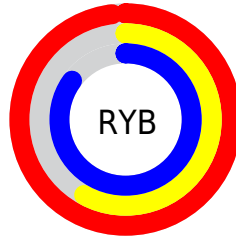
The RYB color **251, 147, 217** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **147, 225, 251**, and the grayscale version is **186, 186, 186**.

A 20% lighter version of the original color is **255, 203, 255**, and **193, 93, 162** is the 20% darker color. If you saturate the color by 10%, you get **251, 122, 209**, and if you desaturate by 10%, it is **251, 172, 225**.

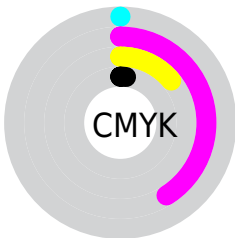
Distribution



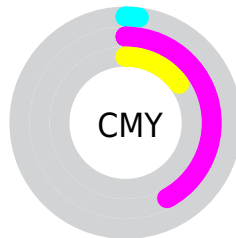
- Red (98%)
- Green (58%)
- Blue (85%)



- Red (98%)
- Yellow (58%)
- Blue (85%)



- Cyan (0%)
- Magenta (41%)
- Yellow (14%)
- Black (2%)




- Cyan (2%)
- Magenta (42%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the RYB color 251, 147, 217 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 251, 147, 217 by changing the saturation by 10% instead.


 251, 147, 217

255, 255, 255

 255, 203, 255

 255, 232, 255

 251, 147, 217

 222, 120, 189

 193, 93, 162

 164, 67, 136

 137, 40, 110


 109, 4, 86


 83, 0, 62


 58, 0, 40


 32, 0, 19


 0, 0, 0


 251, 147, 217


 251, 147, 217

 251, 122, 209


 251, 172, 225

 251, 97, 201


 251, 197, 233

 251, 72, 192

 251, 222, 242

 251, 47, 184

 251, 247, 250

 251, 22, 176

 251, 253, 255

 251, 0, 169

Harmonies

Analogous

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



203, 163, 255



251, 147, 217



255, 141, 169

Triad

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



251, 147, 217



100, 197, 84



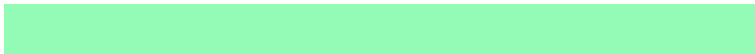
0, 110, 239

Complementary

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



251, 147, 217



147, 225, 251

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, 106, 206



251, 147, 217



104, 196, 155

Square

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



251, 147, 217



230, 238, 92



77, 159, 203



0, 111, 255

Rectangle

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



251, 147, 217



255, 147, 138



77, 159, 203



0, 107, 226

Sweetspot

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



251, 147, 217



255, 224, 245



180, 147, 251



128, 110, 122



0, 0, 0



128, 128, 128

Same Dimension

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



251, 147, 217



255, 128, 213



251, 147, 166



125, 112, 121



189, 0, 127



61, 0, 41

Inverse Universe

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



251, 147, 217



255, 128, 213



147, 204, 251



125, 112, 121



189, 0, 127



61, 0, 41

Previews

White Background



This preview shows how the RYB color 251, 147, 217 looks on a white background.

Color Contrast Check

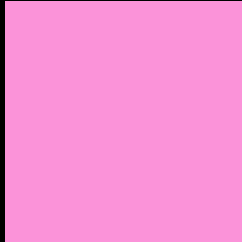
Large Text (above 18pt) WCAG AA × Fail

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 251, 147, 217 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 251, 147, 217 Background



This preview shows how black text looks on a background with the RYB color 251, 147, 217.

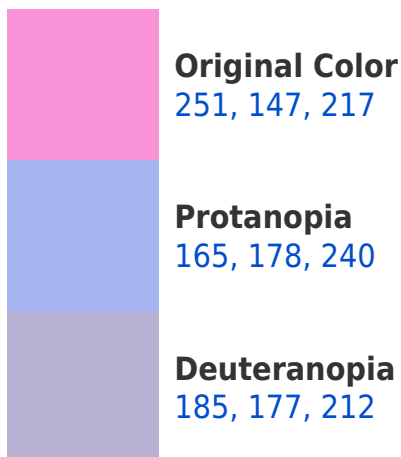


This preview shows how white text looks on a background with the RYB color 251, 147, 217.

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
246, 157, 168

Trichromacy



Original Color

251, 147, 217



Protanomaly

196, 168, 232



Deuteranomaly

209, 166, 214



Tritanomaly

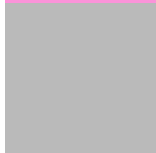
248, 153, 186

Monochromacy



Original Color

251, 147, 217



Achromatopsia

186, 186, 186



Achromatomaly

210, 172, 197

CSS Examples

Text

The CSS property to change the color of the text to RYB 251, 147, 217 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(251, 147, 217) looks like.

```
.text, #text, p{  
    color:rgb(251, 147, 217)  
}
```

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(251, 147, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 147, 217) }
```

Border

The CSS property to change the border of an element to RYB 251, 147, 217 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(251, 147, 217) }
```

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

```
.border{ border-color:rgb(251, 147, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 147, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 147, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 147, 217);  
box-shadow:4px 4px 4px 4px rgb(251, 147,  
217) }
```

Background

The CSS property to change the background color of an element to RGB 251, 147, 217 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 147, 217) }
```

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

```
.background{ background-color: rgb(251,  
147, 217) }
```

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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