

Converting Colors

`RYB(251, 106, 187)`

Have a look what the booklet for
RYB(251, 106, 187) contains.

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Color

`RYB(251, 106, 187)`

Conversions

Conversions Part 1

Format	Color
Hex	FB6ABB
RGB	251, 106, 187
RGB Percent	98%, 42%, 73%
CMY	0.0157, 0.5843, 0.2667
CMYK	0.00, 0.58, 0.25, 0.02
HSL	326°, 95%, 70%
HSV	326°, 58%, 98%
XYZ	53.9073, 34.4052, 50.8133
YIQ	158.5890, 60.4190, 55.9310

Conversions

Conversions Part 2

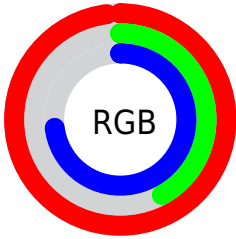
Format	Color
R _Y B	251, 106, 187
Decimal	16476859
CIE Lab	65.28, 63.52, -14.99
CIE LCh	65, 65.266, 346.723
Yxy	34.4052, 0.3875, 0.2473
Android (android.graphics.Color)	4294666939 (0xFFFB6ABB)
YUV	158.5890, 14.0066, 81.0444
Hunter-Lab	58.6559, 61.4014, -10.3035

Details

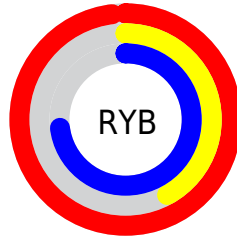
The RYB color **251, 106, 187** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **106, 207, 251**, and the grayscale version is **158, 158, 158**.

A 20% lighter version of the original color is **255, 163, 243**, and **191, 46, 134** is the 20% darker color. If you saturate the color by 10%, you get **251, 81, 176**, and if you desaturate by 10%, it is **251, 131, 198**.

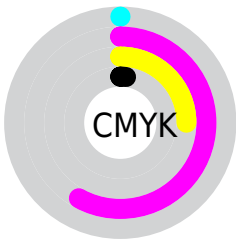
Distribution



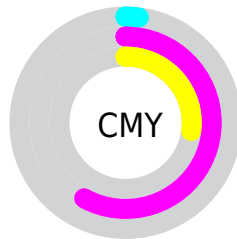
- Red (98%)
- Green (42%)
- Blue (73%)



- Red (98%)
- Yellow (42%)
- Blue (73%)



- Cyan (0%)
- Magenta (58%)
- Yellow (25%)
- Black (2%)




- Cyan (2%)
- Magenta (58%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the RYB color 251, 106, 187 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, 106, 187 by changing the saturation by 10% instead.

 251, 106, 187


255, 255, 255


 255, 163, 243


 255, 192, 255

 255, 221, 255

 255, 251, 255

 251, 106, 187

 221, 77, 160

 191, 46, 134

 162, 0, 108


 133, 0, 84


 105, 0, 61

 77, 0, 39

 50, 0, 17

 0, 0, 0

 251, 106, 187

 251, 106, 187

■ 251, 81, 176

■ 251, 131, 198

■ 251, 56, 165

■ 251, 156, 209

■ 251, 31, 154

■ 251, 181, 220

■ 251, 6, 143

■ 251, 206, 231

■ 251, 0, 140

■ 251, 231, 242

■ 251, 254, 255

■ 251, 253, 255

Harmonies

Analogous

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



203, 128, 239



251, 106, 187



255, 103, 128

Triad

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



251, 106, 187



29, 166, 38



0, 104, 243

Complementary

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



251, 106, 187



106, 207, 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, 94, 190



251, 106, 187



73, 178, 163

Square

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



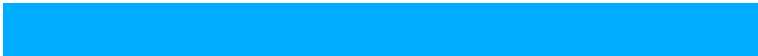
251, 106, 187



133, 210, 33



0, 109, 185



0, 103, 255

Rectangle

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



251, 106, 187



255, 119, 92



0, 109, 185



0, 102, 227

Sweetspot

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



251, 106, 187



255, 212, 236



169, 106, 251



128, 102, 116



0, 0, 0



128, 128, 128

Same Dimension

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



251, 106, 187



255, 79, 177



251, 106, 116



125, 112, 119



189, 0, 105



61, 0, 34

Inverse Universe

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



251, 106, 187



255, 79, 177



106, 181, 251



125, 112, 119



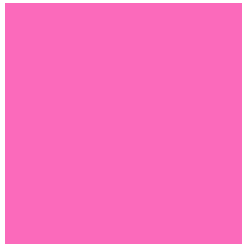
189, 0, 105



61, 0, 34

Previews

White Background



This preview shows how the RYB color 251, 106, 187 looks on a white background.

Color Contrast Check

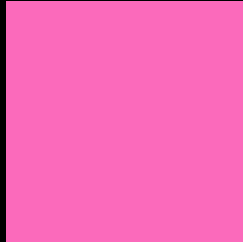
Large Text (above 18pt) WCAG AA × Fail

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, 106, 187 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](#).

R Y B 251, 106, 187 Background



This preview shows how black text looks on a background with the R Y B color 251, 106, 187.



This preview shows how white text looks on a background with the R Y B color 251, 106, 187.

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
251, 106, 187

Protanopia
139, 154, 223

Deuteranopia
165, 155, 179



Tritanopia
246, 119, 128

Trichromacy



Original Color

251, 106, 187



Protanomaly

180, 138, 210



Deuteranomaly

196, 137, 182



Tritanomaly

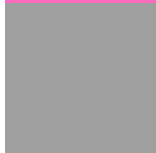
248, 114, 149

Monochromacy



Original Color

251, 106, 187



Achromatopsia

159, 159, 159



Achromatomaly

192, 140, 169

CSS Examples

Text

The CSS property to change the color of the text to RYB 251, 106, 187 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, 106, 187) looks like.

```
.text, #text, p{  
    color:rgb(251, 106, 187)  
}
```

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, 106, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 106, 187) }
```

Border

The CSS property to change the border of an element to RYB 251, 106, 187 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, 106, 187) }
```

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

```
.border{ border-color:rgb(251, 106, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 106, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(251, 106, 187); -webkit-box-shadow:4px 4px 4px 4px rgb(251, 106, 187); box-shadow:4px 4px 4px 4px rgb(251, 106, 187) }
```

Background

The CSS property to change the background color of an element to RYB 251, 106, 187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 106, 187) }
```

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

```
.background{ background-color: rgb(251,  
106, 187) }
```

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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