

Converting Colors

`RYB(251, 106, 162)`

Have a look what the booklet for
RYB(251, 106, 162) contains.

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Color

R_YB(251, 106, 162)

Conversions

Conversions Part 1

Format	Color
Hex	FB6AA2
RGB	251, 106, 162
RGB Percent	98%, 42%, 64%
CMY	0.0157, 0.5843, 0.3647
CMYK	0.00, 0.58, 0.35, 0.02
HSL	337°, 95%, 70%
HSV	337°, 58%, 98%
XYZ	51.4593, 33.4259, 37.9221
YIQ	155.7390, 68.4440, 48.1560

Conversions

Conversions Part 2

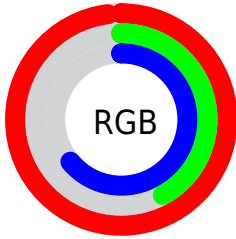
Format	Color
R_{YB}	251, 106, 162
Decimal	16476834
CIE _{Lab}	64.50, 60.52, -1.91
CIE _{LCh}	65, 60.545, 358.188
Yxy	33.4259, 0.4190, 0.2722
Android (android.graphics.Color)	4294666914 (0xFFFB6AA2)
YUV	155.7390, 3.0867, 83.5439
Hunter-Lab	57.8152, 57.7001, 1.5812

Details

The RYB color **251, 106, 162** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **106, 196, 251**, and the grayscale version is **156, 156, 156**.

A 20% lighter version of the original color is **255, 162, 217**, and **190, 47, 111** is the 20% darker color. If you saturate the color by 10%, you get **251, 81, 147**, and if you desaturate by 10%, it is **251, 131, 177**.

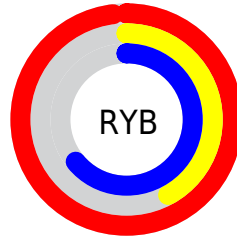
Distribution



Red (98%)

Green (42%)

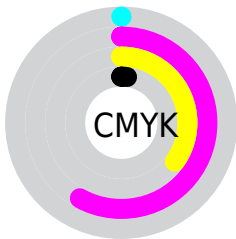
Blue (64%)



Red (98%)

Yellow (42%)

Blue (64%)

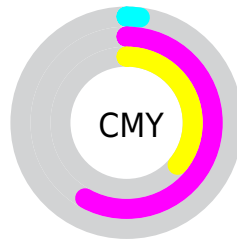


Cyan (0%)

Magenta (58%)

Yellow (35%)

Black (2%)



Cyan (2%)

Magenta (58%)

Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the RYB color 251, 106, 162 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, 162 by changing the saturation by 10% instead.

 251, 106, 162

 251, 106, 162

255, 255, 255

 221, 78, 136

 255, 162, 217

 190, 47, 111

 255, 191, 245

 161, 1, 86

 255, 220, 255

 132, 0, 63

 255, 250, 255


 103, 0, 41

 75, 0, 21

 48, 0, 2

 0, 0, 0

 251, 106, 162

 251, 106, 162

■ 251, 81, 147

■ 251, 131, 177

■ 251, 56, 131

■ 251, 156, 193

■ 251, 31, 116

■ 251, 181, 208

■ 251, 6, 100

■ 251, 206, 224

■ 251, 0, 97

■ 251, 231, 239

■ 251, 253, 255

■ 251, 253, 255

Harmonies

Analogous

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



219, 120, 214



251, 106, 162



252, 112, 109

Triad

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



251, 106, 162



53, 168, 87



0, 103, 248

Complementary

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



251, 106, 162



106, 196, 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, 97, 206



251, 106, 162



56, 147, 178

Square

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



251, 106, 162



83, 188, 37



0, 99, 182



0, 100, 255

Rectangle

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



251, 106, 162



239, 145, 77



0, 99, 182



0, 102, 236

Sweetspot

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



251, 106, 162



255, 212, 228



193, 106, 251



128, 102, 112



0, 0, 0



128, 128, 128

Same Dimension

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



251, 106, 162



255, 79, 147



251, 121, 106



125, 112, 117



189, 0, 73



61, 0, 24

Inverse Universe

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



251, 106, 162



255, 79, 147



106, 175, 251



125, 112, 117



189, 0, 73



61, 0, 24

Previews

White Background



This preview shows how the RYB color 251, 106, 162 looks on a white background.

Color Contrast Check

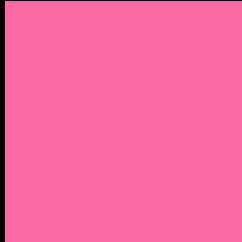
Large Text (above 18pt) WCAG AA × Fail

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, 162 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, 106, 162 Background



This preview shows how black text looks on a background with the RYB color 251, 106, 162.

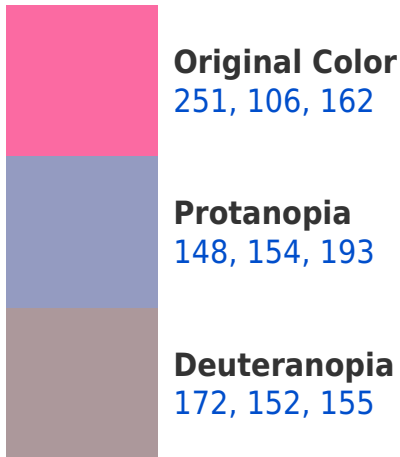


This preview shows how white text looks on a background with the RYB color 251, 106, 162.

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
248, 114, 122

Trichromacy



Original Color

251, 106, 162



Protanomaly

185, 137, 182



Deuteranomaly

201, 135, 158



Tritanomaly

249, 111, 137

Monochromacy



Original Color

251, 106, 162



Achromatopsia

156, 156, 156



Achromatomaly

191, 138, 158

CSS Examples

Text

The CSS property to change the color of the text to RYB 251, 106, 162 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, 162) looks like.

```
.text, #text, p{  
    color:rgb(251, 106, 162)  
}
```

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, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 106, 162) }
```

Border

The CSS property to change the border of an element to RYB 251, 106, 162 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, 162) }
```

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

```
.border{ border-color:rgb(251, 106, 162) }
```

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, 162) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 106, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 106, 162);  
box-shadow:4px 4px 4px 4px rgb(251, 106,  
162) }
```

Background

The CSS property to change the background color of an element to RYB 251, 106, 162 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, 162) }
```

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

```
.background{ background-color: rgb(251,  
106, 162) }
```

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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