

Converting Colors

`RYB(246, 131, 176)`

Have a look what the booklet for
RYB(246, 131, 176) contains.

RYB(246, 131, 176)	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

R_YB(246, 131, 176)

Conversions

Conversions Part 1

Format	Color
Hex	F683B0
RGB	246, 131, 176
RGB Percent	96%, 51%, 69%
CMY	0.0353, 0.4863, 0.3098
CMYK	0.00, 0.47, 0.28, 0.04
HSL	337°, 86%, 74%
HSV	337°, 47%, 96%
XYZ	53.9588, 38.9600, 45.7504
YIQ	170.5150, 54.0950, 38.3750

Conversions

Conversions Part 2

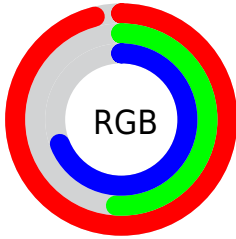
Format	Color
R_{YB}	246, 131, 176
Decimal	16155568
CIE _{Lab}	68.72, 48.83, -3.73
CIE _{LCh}	69, 48.970, 355.636
Yxy	38.9600, 0.3891, 0.2810
Android (android.graphics.Color)	4294345648 (0xFFFF683B0)
YUV	170.5150, 2.7041, 66.2003
Hunter-Lab	62.4180, 45.0775, 0.2349

Details

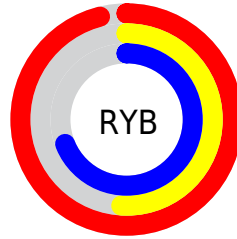
The RYB color **246, 131, 176** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **131, 202, 246**, and the grayscale version is **170, 170, 170**.

A 20% lighter version of the original color is **255, 186, 232**, and **187, 77, 124** is the 20% darker color. If you saturate the color by 10%, you get **246, 106, 161**, and if you desaturate by 10%, it is **246, 156, 191**.

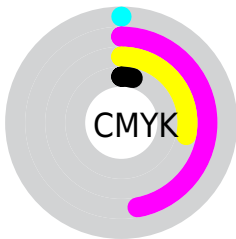
Distribution



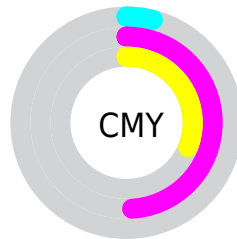
- Red (96%)
- Green (51%)
- Blue (69%)



- Red (96%)
- Yellow (51%)
- Blue (69%)



- Cyan (0%)
- Magenta (47%)
- Yellow (28%)
- Black (4%)



- Cyan (4%)
- Magenta (49%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the RYB color 246, 131, 176 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 246, 131, 176 by changing the saturation by 10% instead.

 246, 131, 176

 246, 131, 176

255, 255, 255

 216, 104, 149

 255, 186, 232

 187, 77, 124

 255, 215, 255

 158, 50, 99

 255, 244, 255

 130, 19, 75

 102, 0, 52

 75, 0, 31

 52, 0, 6

 1, 0, 0

 0, 0, 0

■ 246, 131, 176

■ 246, 131, 176

■ 246, 106, 161

■ 246, 156, 191

■ 246, 82, 146

■ 246, 180, 206

■ 246, 57, 131

■ 246, 205, 221

■ 246, 33, 116

■ 246, 229, 236

■ 246, 8, 101

■ 246, 251, 254

■ 246, 0, 96

■ 246, 251, 255

Harmonies

Analogous

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



216, 142, 218



246, 131, 176



250, 134, 132

Triad

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



246, 131, 176



85, 177, 106



0, 104, 240

Complementary

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



246, 131, 176



131, 202, 246

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, 99, 205



246, 131, 176



102, 173, 185

Square

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



246, 131, 176



130, 200, 77



0, 103, 190



71, 137, 255

Rectangle

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



246, 131, 176



241, 155, 106



0, 103, 190



0, 103, 230

Sweetspot

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



246, 131, 176



255, 219, 233



200, 131, 246



128, 106, 114



0, 0, 0



128, 128, 128

Same Dimension

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



246, 131, 176



255, 112, 168



246, 144, 131



122, 110, 115



186, 0, 73



59, 0, 23

Inverse Universe

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



246, 131, 176



255, 112, 168



131, 185, 246



122, 110, 115



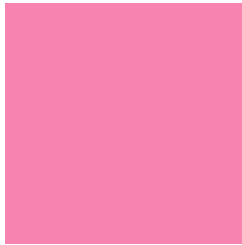
186, 0, 73



59, 0, 23

Previews

White Background



This preview shows how the RYB color 246, 131, 176 looks on a white background.

Color Contrast Check

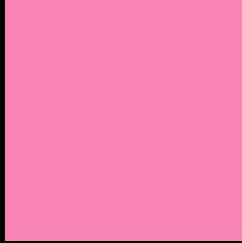
Large Text (above 18pt) WCAG AA × Fail

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 246, 131, 176 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 246, 131, 176 Background



This preview shows how black text looks on a background with the RYB color 246, 131, 176.



This preview shows how white text looks on a background with the RYB color 246, 131, 176.

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
246, 131, 176

Protanopia
162, 166, 198

Deuteranopia
183, 163, 171



Tritanopia
243, 137, 146

Trichromacy



Original Color

246, 131, 176



Protanomaly

193, 154, 190



Deuteranomaly

206, 151, 173



Tritanomaly

244, 135, 157

Monochromacy



Original Color

246, 131, 176



Achromatopsia

171, 171, 171



Achromatomaly

198, 156, 173

CSS Examples

Text

The CSS property to change the color of the text to RYB 246, 131, 176 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(246, 131, 176)` looks like.

```
.text, #text, p{  
    color:rgb(246, 131, 176)  
}
```

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(246, 131, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 131, 176) }
```

Border

The CSS property to change the border of an element to RYB 246, 131, 176 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(246, 131, 176) }
```

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

```
.border{ border-color:rgb(246, 131, 176) }
```

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

Here you see how a box with a 4 pixel rgb(246, 131, 176) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 131, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 131, 176);  
box-shadow:4px 4px 4px 4px rgb(246, 131,  
176) }
```

Background

The CSS property to change the background color of an element to RYB 246, 131, 176 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 131, 176) }
```

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

```
.background{ background-color: rgb(246,  
131, 176) }
```

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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