

Converting Colors

`RYB(246, 111, 186)`

Have a look what the booklet for
RYB(246, 111, 186) contains.

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Color

RYB(246, 111, 186)

Conversions

Conversions Part 1

Format	Color
Hex	F66FBA
RGB	246, 111, 186
RGB Percent	96%, 44%, 73%
CMY	0.0353, 0.5647, 0.2706
CMYK	0.00, 0.55, 0.24, 0.04
HSL	327°, 88%, 70%
HSV	327°, 55%, 96%
XYZ	52.5534, 34.5069, 50.3450
YIQ	159.9150, 56.3850, 51.9450

Conversions

Conversions Part 2

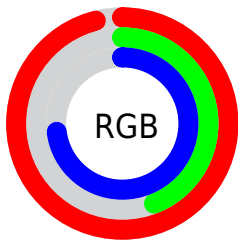
Format	Color
R _Y B	246, 111, 186
Decimal	16150458
CIE _{Lab}	65.36, 59.68, -14.37
CIE _{LCh}	65, 61.389, 346.459
Y _{xy}	34.5069, 0.3825, 0.2511
Android (android.graphics.Color)	4294340538 (0xFFFF66FBA)
YUV	159.9150, 12.8599, 75.4965
Hunter-Lab	58.7426, 56.8936, -9.6944

Details

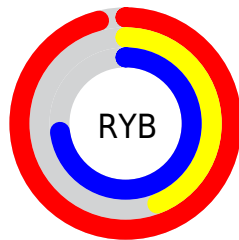
The RYB color **246, 111, 186** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **111, 204, 246**, and the grayscale version is **160, 160, 160**.

A 20% lighter version of the original color is **255, 167, 242**, and **187, 54, 133** is the 20% darker color. If you saturate the color by 10%, you get **246, 86, 175**, and if you desaturate by 10%, it is **246, 136, 197**.

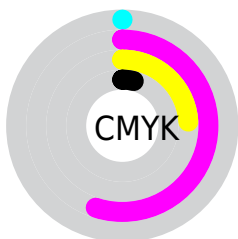
Distribution



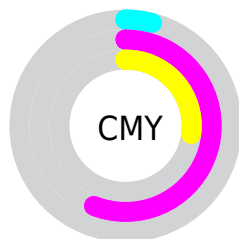
- Red (96%)
- Green (44%)
- Blue (73%)



- Red (96%)
- Yellow (44%)
- Blue (73%)



- Cyan (0%)
- Magenta (55%)
- Yellow (24%)
- Black (4%)



- Cyan (4%)
- Magenta (56%)
- Yellow (27%)


Brightness & Saturation Gradients

These gradients show how the RYB color 246, 111, 186 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, 111, 186 by changing the saturation by 10% instead.


 246, 111, 186

255, 255, 255

 255, 167, 242


 255, 196, 255

 255, 225, 255

 246, 111, 186

 216, 83, 159

 187, 54, 133

 158, 17, 108

 129, 0, 83

 101, 0, 60

 74, 0, 38

 48, 0, 16

 0, 0, 0

 246, 111, 186

 246, 111, 186

■ 246, 86, 175

■ 246, 136, 197

■ 246, 62, 164

■ 246, 160, 208

■ 246, 37, 153

■ 246, 185, 219

■ 246, 13, 142

■ 246, 209, 230

■ 246, 0, 137

■ 246, 234, 241

■ 246, 251, 255

■ 246, 251, 255

Harmonies

Analogous

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



200, 131, 235



246, 111, 186



255, 109, 131

Triad

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



246, 111, 186



42, 165, 48



0, 103, 237

Complementary

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



246, 111, 186



111, 204, 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, 93, 188



246, 111, 186



78, 177, 161

Square

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



246, 111, 186



141, 208, 44



0, 107, 184



0, 103, 255

Rectangle

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



246, 111, 186



252, 122, 96



0, 107, 184



0, 101, 223

Sweetspot

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



246, 111, 186



255, 214, 237



170, 111, 246



128, 103, 117



0, 0, 0



128, 128, 128

Same Dimension

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



246, 111, 186



255, 87, 180



246, 111, 120



122, 110, 117



186, 0, 103



59, 0, 33

Inverse Universe

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



246, 111, 186



255, 87, 180



111, 181, 246



122, 110, 117



186, 0, 103



59, 0, 33

Previews

White Background



This preview shows how the RYB color 246, 111, 186 looks on a white background.

Color Contrast Check

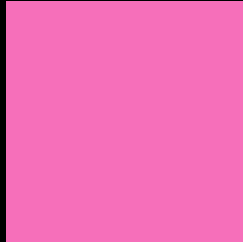
Large Text (above 18pt) WCAG AA × Fail

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, 111, 186 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 246, 111, 186 Background



This preview shows how black text looks on a background with the R Y B color 246, 111, 186.



This preview shows how white text looks on a background with the R Y B color 246, 111, 186.

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, 111, 186

Protanopia
141, 154, 218

Deuteranopia
165, 155, 179



Tritanopia
241, 123, 132

Trichromacy



Original Color

246, 111, 186



Protanomaly

179, 140, 206



Deuteranomaly

194, 139, 182



Tritanomaly

243, 119, 152

Monochromacy



Original Color

246, 111, 186



Achromatopsia

160, 160, 160



Achromatomaly

191, 142, 169

CSS Examples

Text

The CSS property to change the color of the text to RYB 246, 111, 186 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, 111, 186) looks like.

```
.text, #text, p{  
    color:rgb(246, 111, 186)  
}
```

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, 111, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 111, 186) }
```

Border

The CSS property to change the border of an element to RYB 246, 111, 186 is called "border". The border property can be set on classes, ids or directly on the HTML element.

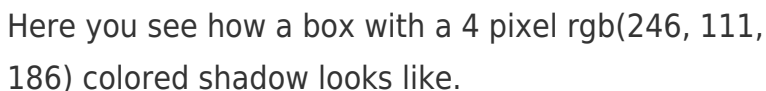
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(246, 111, 186) }
```

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

```
.border{ border-color:rgb(246, 111, 186) }
```

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



Here you see how a box with a 4 pixel `rgb(246, 111, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(246, 111, 186); -webkit-box-shadow:4px 4px 4px 4px rgb(246, 111, 186); box-shadow:4px 4px 4px 4px rgb(246, 111, 186) }
```

Background

The CSS property to change the background color of an element to RYB 246, 111, 186 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 111, 186) }
```

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

```
.background{ background-color: rgb(246,  
111, 186) }
```

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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