

Converting Colors

`RYB(247, 136, 206)`

Have a look what the booklet for
RYB(247, 136, 206) contains.

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Color

RYB(247, 136, 206)

Conversions

Conversions Part 1

Format	Color
Hex	F788CE
RGB	247, 136, 206
RGB Percent	97%, 53%, 81%
CMY	0.0314, 0.4667, 0.1922
CMYK	0.00, 0.45, 0.17, 0.03
HSL	322°, 87%, 75%
HSV	322°, 45%, 97%
XYZ	58.3025, 41.8387, 63.3953
YIQ	177.1690, 43.6860, 45.3020

Conversions

Conversions Part 2

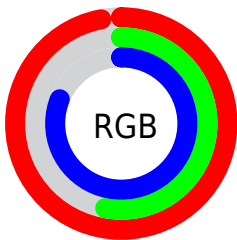
Format	Color
R_{YB}	247, 136, 206
Decimal	16222414
CIE _{Lab}	70.76, 50.87, -17.42
CIE _{LCh}	71, 53.770, 341.098
Yxy	41.8387, 0.3565, 0.2558
Android (android.graphics.Color)	4294412494 (0xFFFF788CE)
YUV	177.1690, 14.2137, 61.2418
Hunter-Lab	64.6828, 47.6977, -12.8318

Details

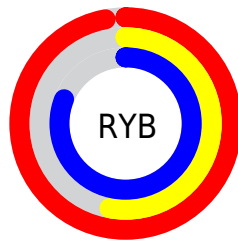
The RYB color **247, 136, 206** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **136, 217, 247**, and the grayscale version is **177, 177, 177**.

A 20% lighter version of the original color is **255, 192, 255**, and **188, 82, 152** is the 20% darker color. If you saturate the color by 10%, you get **247, 111, 197**, and if you desaturate by 10%, it is **247, 161, 215**.

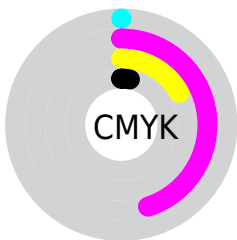
Distribution



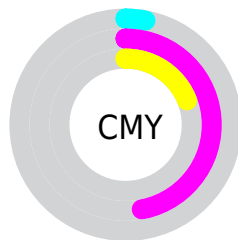
- Red (97%)
- Green (53%)
- Blue (81%)



- Red (97%)
- Yellow (53%)
- Blue (81%)



- Cyan (0%)
- Magenta (45%)
- Yellow (17%)
- Black (3%)




- Cyan (3%)
- Magenta (47%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the RYB color 247, 136, 206 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 247, 136, 206 by changing the saturation by 10% instead.

 247, 136, 206

 247, 136, 206

255, 255, 255

 217, 109, 178

 255, 192, 255

 188, 82, 152

 255, 220, 255

 160, 55, 126

 255, 250, 255

 132, 25, 101

 105, 0, 77

 78, 0, 54

 55, 0, 33

 22, 0, 4

 0, 0, 0

■ 247, 136, 206

■ 247, 136, 206

■ 247, 111, 197

■ 247, 161, 215

■ 247, 87, 188

■ 247, 185, 224

■ 247, 62, 179

■ 247, 210, 233

■ 247, 37, 170

■ 247, 235, 242

■ 247, 12, 160

■ 247, 252, 255

■ 247, 0, 156

■ 247, 251, 255

Harmonies

Analogous

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



200, 153, 247



247, 136, 206



255, 131, 157

Triad

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



247, 136, 206



81, 184, 72



0, 107, 236

Complementary

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



247, 136, 206



136, 217, 247

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, 101, 198



247, 136, 206



96, 189, 154

Square

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



247, 136, 206



205, 227, 79



49, 140, 196



0, 108, 255

Rectangle

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



247, 136, 206



255, 138, 125



49, 140, 196



0, 104, 222

Sweetspot

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



247, 136, 206



255, 222, 243



177, 136, 247



128, 107, 120



0, 0, 0



128, 128, 128

Same Dimension

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



247, 136, 206



255, 117, 204



247, 136, 151



122, 110, 118



186, 0, 117



59, 0, 37

Inverse Universe

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



247, 136, 206



255, 117, 204



136, 196, 247



122, 110, 118



186, 0, 117



59, 0, 37

Previews

White Background



This preview shows how the RYB color 247, 136, 206 looks on a white background.

Color Contrast Check

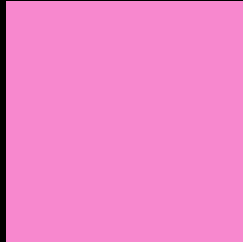
Large Text (above 18pt) WCAG AA × Fail

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 247, 136, 206 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 247, 136, 206 Background



This preview shows how black text looks on a background with the RYB color 247, 136, 206.



This preview shows how white text looks on a background with the RYB color 247, 136, 206.

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
247, 136, 206

Protanopia
157, 169, 231

Deuteranopia
178, 169, 200



Tritanopia
242, 146, 157

Trichromacy



Original Color

247, 136, 206



Protanomaly

190, 158, 222



Deuteranomaly

203, 157, 202



Tritanomaly

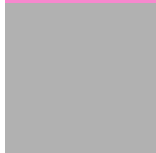
244, 142, 175

Monochromacy



Original Color

247, 136, 206



Achromatopsia

177, 177, 177



Achromatomaly

202, 162, 188

CSS Examples

Text

The CSS property to change the color of the text to RYB 247, 136, 206 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(247, 136, 206) looks like.

```
.text, #text, p{  
    color:rgb(247, 136, 206)  
}
```

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(247, 136, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 136, 206) }
```

Border

The CSS property to change the border of an element to RYB 247, 136, 206 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(247, 136, 206) }
```

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

```
.border{ border-color:rgb(247, 136, 206) }
```

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

Here you see how a box with a 4 pixel rgb(247, 136, 206) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 136, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 136, 206);  
box-shadow:4px 4px 4px 4px rgb(247, 136,  
206) }
```

Background

The CSS property to change the background color of an element to RYB 247, 136, 206 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 136, 206) }
```

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

```
.background{ background-color: rgb(247,  
136, 206) }
```

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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