

Converting Colors

`RYB(247, 97, 236)`

Have a look what the booklet for
RYB(247, 97, 236) contains.

RYB(247, 97, 236)	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

`RYB(247, 97, 236)`

Conversions

Conversions Part 1

Format	Color
Hex	F761EC
RGB	247, 97, 236
RGB Percent	97%, 38%, 93%
CMY	0.0314, 0.6196, 0.0745
CMYK	0.00, 0.61, 0.04, 0.03
HSL	304°, 90%, 67%
HSV	304°, 61%, 97%
XYZ	57.7728, 34.3797, 82.9479
YIQ	157.6960, 44.7810, 75.0290

Conversions

Conversions Part 2

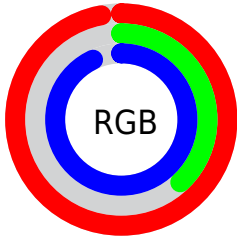
Format	Color
R _Y B	247, 97, 236
Decimal	16212460
CIE Lab	65.26, 73.27, -42.55
CIE LCh	65, 84.733, 329.855
Yxy	34.3797, 0.3299, 0.1963
Android (android.graphics.Color)	4294402540 (0xFFFF761EC)
YUV	157.6960, 38.6039, 78.3196
Hunter-Lab	58.6342, 73.2678, -42.8317

Details

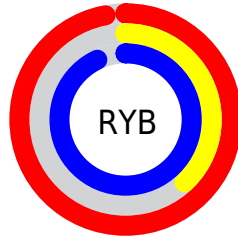
The RYB color **247, 97, 236** is a light color, and the websafe version is hex **FF66FF**. A complement of this color would be **97, 237, 247**, and the grayscale version is **157, 157, 157**.

A 20% lighter version of the original color is **255, 155, 255**, and **187, 28, 180** is the 20% darker color. If you saturate the color by 10%, you get **247, 72, 234**, and if you desaturate by 10%, it is **247, 122, 238**.

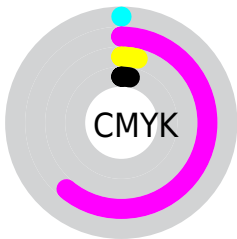
Distribution



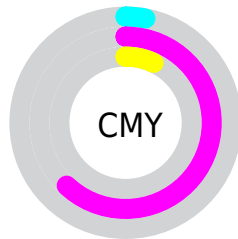
- Red (97%)
- Green (38%)
- Blue (93%)



- Red (97%)
- Yellow (38%)
- Blue (93%)



- Cyan (0%)
- Magenta (61%)
- Yellow (4%)
- Black (3%)


















- Cyan (3%)
- Magenta (62%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the RYB color 247, 97, 236 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, 97, 236 by changing the saturation by 10% instead.

 247, 97, 236	 247, 97, 236
255, 255, 255	 217, 66, 207
 255, 155, 255	 187, 28, 180
 255, 185, 255	 158, 0, 152
 255, 214, 255	 129, 0, 126
 255, 244, 255	 101, 0, 101
	 74, 0, 76
	 47, 0, 53
	 5, 0, 30
	 0, 0, 0


 247, 97, 236


 247, 97, 236

 247, 72, 234

 247, 122, 238

 247, 48, 232

 247, 146, 240

 247, 23, 231

 247, 171, 241

 247, 0, 229

 247, 196, 243

 247, 220, 245

 247, 245, 247

 247, 253, 255

 247, 253, 255

 247, 252, 255

Harmonies

Analogous

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



149, 138, 255



247, 97, 236



255, 66, 162

Triad

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



247, 97, 236



44, 191, 0



0, 105, 232

Complementary

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



247, 97, 236



97, 237, 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, 105, 191



247, 97, 236



0, 175, 60

Square

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



247, 97, 236



249, 247, 0



0, 132, 186



0, 107, 255

Rectangle

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



247, 97, 236



255, 73, 112



0, 132, 186



0, 100, 208

Sweetspot

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



247, 97, 236



255, 209, 252



107, 97, 247



128, 99, 125



0, 0, 0



128, 128, 128

Same Dimension

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



247, 97, 236



255, 69, 241



247, 97, 162



122, 110, 122



186, 0, 172



59, 0, 54

Inverse Universe

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



247, 97, 236



255, 69, 241



97, 193, 247



122, 110, 122



186, 0, 172



59, 0, 54

Previews

White Background



This preview shows how the RYB color 247, 97, 236 looks on a white background.

Color Contrast Check

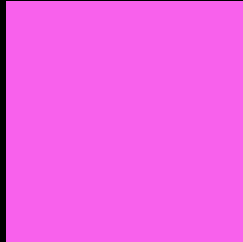
Large Text (above 18pt) WCAG AA × Fail

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, 97, 236 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

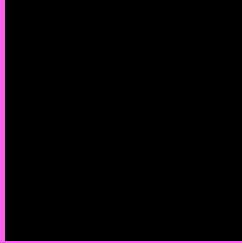
Any Text WCAG AA ✓ Pass

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](#).

RGB 247, 97, 236 Background



This preview shows how black text looks on a background with the RGB color 247, 97, 236.



This preview shows how white text looks on a background with the RGB color 247, 97, 236.

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, 97, 236

Protanopia
119, 148, 255

Deuteranopia
133, 152, 226



Tritanopia
236, 125, 134

Trichromacy



Original Color

247, 97, 236



Protanomaly

166, 135, 248



Deuteranomaly

174, 135, 230



Tritanomaly

240, 115, 171

Monochromacy



Original Color

247, 97, 236



Achromatopsia

158, 158, 158



Achromatomaly

190, 136, 186

CSS Examples

Text

The CSS property to change the color of the text to RYB 247, 97, 236 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, 97, 236) looks like.

```
.text, #text, p{  
    color:rgb(247, 97, 236)  
}
```

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, 97, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 97, 236) }
```

Border

The CSS property to change the border of an element to RYB 247, 97, 236 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, 97, 236) }
```

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

```
.border{ border-color:rgb(247, 97, 236) }
```

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

Here you see how a box with a 4 pixel rgb(247, 97, 236) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 97, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 97, 236);  
box-shadow:4px 4px 4px 4px rgb(247, 97,  
236) }
```

Background

The CSS property to change the background color of an element to RGB 247, 97, 236 is called "background".

The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 97, 236) }
```

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

```
.background{ background-color: rgb(247, 97,  
236) }
```

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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