

Converting Colors

`RYB(244, 87, 171)`

Have a look what the booklet for
RYB(244, 87, 171) contains.

RYB(244, 87, 171)	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(244, 87, 171)

Conversions

Conversions Part 1

Format	Color
Hex	F457AB
RGB	244, 87, 171
RGB Percent	96%, 34%, 67%
CMY	0.0431, 0.6588, 0.3294
CMYK	0.00, 0.64, 0.30, 0.04
HSL	328°, 88%, 65%
HSV	328°, 64%, 96%
XYZ	48.0671, 28.9898, 41.5902
YIQ	143.5190, 66.6080, 59.4080

Conversions

Conversions Part 2

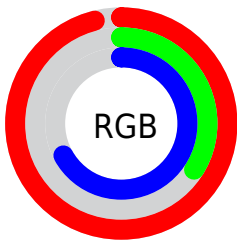
Format	Color
R_{YB}	244, 87, 171
Decimal	16013227
CIE _{Lab}	60.77, 67.44, -12.75
CIE _{LCh}	61, 68.635, 349.297
Yxy	28.9898, 0.4051, 0.2443
Android (android.graphics.Color)	4294203307 (0xFFFF457AB)
YUV	143.5190, 13.5481, 88.1218
Hunter-Lab	53.8421, 65.1306, -8.1089

Details

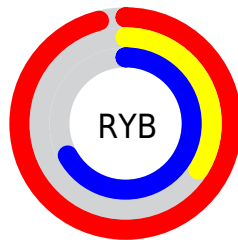
The RYB color **244, 87, 171** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light muted rose. A complement of this color would be **87, 194, 244**, and the grayscale version is **143, 143, 143**.

A 20% lighter version of the original color is **255, 145, 226**, and **184, 11, 119** is the 20% darker color. If you saturate the color by 10%, you get **244, 63, 160**, and if you desaturate by 10%, it is **244, 111, 182**.

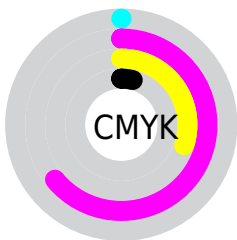
Distribution



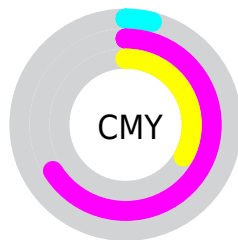
- Red (96%)
- Green (34%)
- Blue (67%)



- Red (96%)
- Yellow (34%)
- Blue (67%)



- Cyan (0%)
- Magenta (64%)
- Yellow (30%)
- Black (4%)



- Cyan (4%)
- Magenta (66%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the RYB color 244, 87, 171 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 244, 87, 171 by changing the saturation by 10% instead.

 244, 87, 171

 244, 87, 171

255, 255, 255

 214, 56, 144

 255, 145, 226

 184, 11, 119

 255, 174, 255

 154, 0, 94

 255, 203, 255

 125, 0, 70

 255, 233, 255

 96, 0, 48

 70, 0, 28

 41, 0, 1

 0, 0, 0

 244, 87, 171

 244, 87, 171

■ 244, 63, 160

■ 244, 111, 182

■ 244, 38, 148

■ 244, 136, 194

■ 244, 14, 137

■ 244, 160, 205

■ 244, 0, 131

■ 244, 185, 216

■ 244, 209, 228

■ 244, 233, 239

■ 244, 251, 255

■ 244, 250, 255

Harmonies

Analogous

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



197, 112, 226



244, 87, 171



254, 87, 110

Triad

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



244, 87, 171



0, 155, 17



0, 100, 238

Complementary

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



244, 87, 171



87, 194, 244

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, 90, 185



244, 87, 171



59, 165, 167

Square

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



244, 87, 171



81, 193, 0



0, 101, 173



0, 98, 255

Rectangle

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



244, 87, 171



244, 106, 73



0, 101, 173



0, 97, 222

Sweetspot

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



244, 87, 171



255, 207, 232



158, 87, 244



128, 98, 114



0, 0, 0



128, 128, 128

Same Dimension

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



244, 87, 171



255, 59, 164



244, 87, 95



122, 110, 117



186, 0, 100



59, 0, 31

Inverse Universe

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



244, 87, 171



255, 59, 164



87, 168, 244



122, 110, 117



186, 0, 100



59, 0, 31

Previews

White Background



This preview shows how the RYB color 244, 87, 171 looks on a white background.

Color Contrast Check

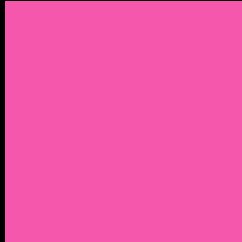
Large Text (above 18pt) WCAG AA ✓ Pass

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 244, 87, 171 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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYB 244, 87, 171 Background



This preview shows how black text looks on a background with the RYB color 244, 87, 171.

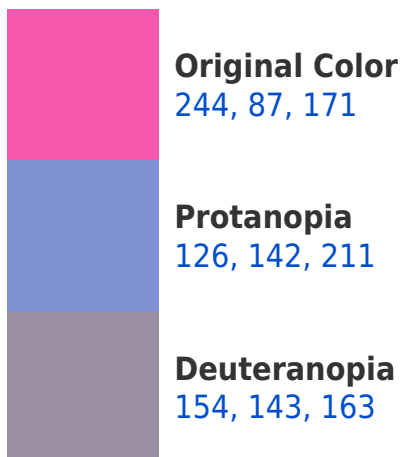



This preview shows how white text looks on a background with the RYB color 244, 87, 171.

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
239, 102, 109

Trichromacy



Original Color

244, 87, 171



Protanomaly

169, 124, 196



Deuteranomaly

187, 123, 166



Tritanomaly

241, 97, 132

Monochromacy



Original Color

244, 87, 171



Achromatopsia

144, 144, 144



Achromatomaly

180, 123, 154

CSS Examples

Text

The CSS property to change the color of the text to RYB 244, 87, 171 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(244, 87, 171) looks like.

```
.text, #text, p{  
    color:rgb(244, 87, 171)  
}
```

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(244, 87, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 87, 171) }
```

Border

The CSS property to change the border of an element to RYB 244, 87, 171 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(244, 87, 171) }
```

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

```
.border{ border-color:rgb(244, 87, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 87, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 87, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 87, 171);  
box-shadow:4px 4px 4px 4px rgb(244, 87,  
171) }
```

Background

The CSS property to change the background color of an element to RGB 244, 87, 171 is called "background".

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

```
.background, #background, body{  
background: rgb(244, 87, 171) }
```

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

```
.background{ background-color: rgb(244, 87,  
171) }
```

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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