

Converting Colors

`RYB(231, 145, 187)`

Have a look what the booklet for
RYB(231, 145, 187) contains.

RYB(231, 145, 187)	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(231, 145, 187)

Conversions

Conversions Part 1

Format	Color
Hex	E791BB
RGB	231, 145, 187
RGB Percent	91%, 57%, 73%
CMY	0.0941, 0.4314, 0.2667
CMYK	0.00, 0.37, 0.19, 0.09
HSL	331°, 64%, 74%
HSV	331°, 37%, 91%
XYZ	52.0500, 40.8276, 52.1509
YIQ	175.5020, 37.7740, 31.2940

Conversions

Conversions Part 2

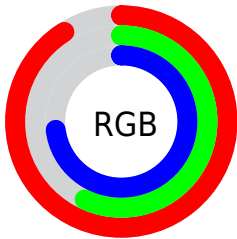
Format	Color
R _Y B	231, 145, 187
Decimal	15176123
CIE Lab	70.05, 38.14, -8.11
CIE LCh	70, 38.996, 347.995
Yxy	40.8276, 0.3589, 0.2815
Android (android.graphics.Color)	4293366203 (0xFFE791BB)
YUV	175.5020, 5.6685, 48.6717
Hunter-Lab	63.8965, 33.5872, -3.6637

Details

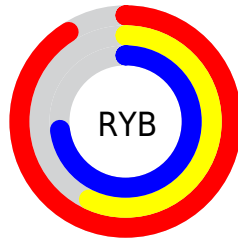
The RYB color **231, 145, 187** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **145, 202, 231**, and the grayscale version is **175, 175, 175**.

A 20% lighter version of the original color is **255, 200, 243**, and **174, 93, 134** is the 20% darker color. If you saturate the color by 10%, you get **231, 122, 175**, and if you desaturate by 10%, it is **231, 168, 199**.

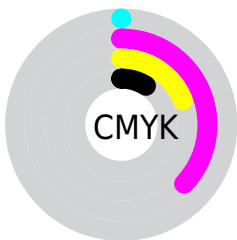
Distribution



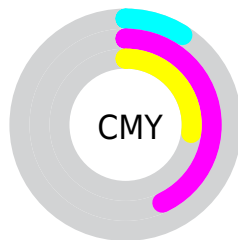
- Red (91%)
- Green (57%)
- Blue (73%)



- Red (91%)
- Yellow (57%)
- Blue (73%)



- Cyan (0%)
- Magenta (37%)
- Yellow (19%)
- Black (9%)





- Cyan (9%)
- Magenta (43%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the RYB color 231, 145, 187 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 231, 145, 187 by changing the saturation by 10% instead.

 231, 145, 187

 231, 145, 187

255, 255, 255


 202, 119, 160

 255, 200, 243

 174, 93, 134

 255, 229, 255

 146, 67, 109


 119, 42, 84


 93, 15, 61

 67, 0, 39

 46, 0, 19

 0, 0, 0

 231, 145, 187

 231, 145, 187

■ 231, 122, 175

■ 231, 168, 199

■ 231, 99, 163

■ 231, 191, 211

■ 231, 76, 152

■ 231, 214, 222

■ 231, 53, 140

■ 231, 235, 237

■ 231, 29, 128

■ 231, 246, 255

■ 231, 6, 116

■ 231, 243, 255

■ 231, 0, 113

Harmonies

Analogous

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



202, 154, 219



231, 145, 187



240, 144, 151

Triad

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



231, 145, 187



103, 176, 106



14, 109, 223

Complementary

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



231, 145, 187



145, 202, 231

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.



24, 107, 192



231, 145, 187



123, 184, 174

Square

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



231, 145, 187



175, 207, 102



86, 148, 189



93, 147, 240

Rectangle

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



231, 145, 187



236, 154, 129



86, 148, 189



0, 100, 214

Sweetspot

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



231, 145, 187



255, 227, 241



188, 145, 231



128, 111, 119



0, 0, 0



128, 128, 128

Same Dimension

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



231, 145, 187



255, 140, 196



231, 145, 145



115, 103, 109



179, 0, 87



51, 0, 25

Inverse Universe

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



231, 145, 187



255, 140, 196



145, 188, 231



115, 103, 109



179, 0, 87



51, 0, 25

Previews

White Background



This preview shows how the RYB color 231, 145, 187 looks on a white background.

Color Contrast Check

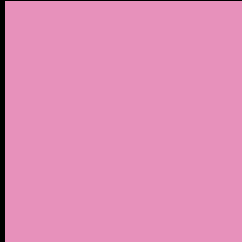
Large Text (above 18pt) WCAG AA × Fail

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 231, 145, 187 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 231, 145, 187 Background



This preview shows how black text looks on a background with the RYB color 231, 145, 187.



This preview shows how white text looks on a background with the RYB color 231, 145, 187.

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
231, 145, 187

Protanopia
165, 169, 203

Deuteranopia
183, 167, 183



Tritanopia
228, 150, 161

Trichromacy



Original Color

231, 145, 187



Protanomaly

189, 161, 197



Deuteranomaly

200, 159, 184



Tritanomaly

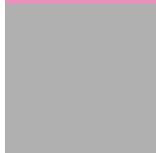
229, 148, 170

Monochromacy



Original Color

231, 145, 187



Achromatopsia

176, 176, 176



Achromatomaly

196, 165, 180

CSS Examples

Text

The CSS property to change the color of the text to RYB 231, 145, 187 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(231, 145, 187) looks like.

```
.text, #text, p{  
    color:rgb(231, 145, 187)  
}
```

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(231, 145, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 145, 187) }
```

Border

The CSS property to change the border of an element to RYB 231, 145, 187 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(231, 145, 187) }
```

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

```
.border{ border-color:rgb(231, 145, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 145, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 145, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 145, 187);  
box-shadow:4px 4px 4px 4px rgb(231, 145,  
187) }
```

Background

The CSS property to change the background color of an element to RYB 231, 145, 187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 145, 187) }
```

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

```
.background{ background-color: rgb(231,  
145, 187) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor