

Converting Colors

`RYB(230, 191, 222)`

Have a look what the booklet for RYB(230, 191, 222) contains.

RYB(230, 191, 222)	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

$\text{RYB}(230, 191, 222)$

Conversions

Conversions Part 1

Format	Color
Hex	E6BFDE
RGB	230, 191, 222
RGB Percent	90%, 75%, 87%
CMY	0.0980, 0.2510, 0.1294
CMYK	0.00, 0.17, 0.03, 0.10
HSL	312°, 44%, 83%
HSV	312°, 17%, 90%
XYZ	64.4487, 59.3585, 77.1678
YIQ	206.1950, 13.2930, 17.9090

Conversions

Conversions Part 2

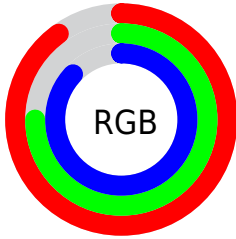
Format	Color
R _Y B	230, 191, 222
Decimal	15122398
CIE Lab	81.49, 19.06, -10.23
CIE LCh	81, 21.632, 331.770
Yxy	59.3585, 0.3207, 0.2954
Android (android.graphics.Color)	4293312478 (0xFFE6BFDE)
YUV	206.1950, 7.7919, 20.8770
Hunter-Lab	77.0445, 14.4898, -5.4537

Details

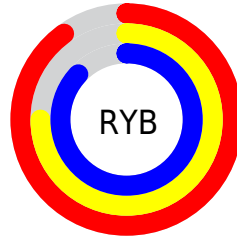
The RYB color **230, 191, 222** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **191, 223, 230**, and the grayscale version is **206, 206, 206**.

A 20% lighter version of the original color is **255, 248, 255**, and **174, 137, 167** is the 20% darker color. If you saturate the color by 10%, you get **230, 168, 217**, and if you desaturate by 10%, it is **230, 214, 227**.

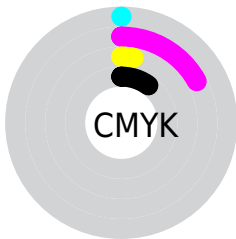
Distribution



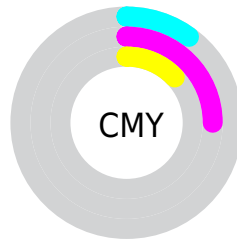
- Red (90%)
- Green (75%)
- Blue (87%)



- Red (90%)
- Yellow (75%)
- Blue (87%)



- Cyan (0%)
- Magenta (17%)
- Yellow (3%)
- Black (10%)




- Cyan (10%)
- Magenta (25%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the RYB color 230, 191, 222 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 230, 191, 222 by changing the saturation by 10% instead.

 230, 191, 222

255, 255, 255


 255, 248, 255

 230, 191, 222

 202, 164, 194

 174, 137, 167

 147, 112, 140

 121, 87, 115

 96, 64, 90

 72, 41, 67


 49, 20, 45

 30, 0, 25


 0, 0, 0

 230, 191, 222

 230, 191, 222

 230, 168, 217

 230, 214, 227

 230, 145, 213


 230, 236, 237

 230, 122, 208

 230, 250, 255

 230, 99, 203


 230, 247, 255

 230, 76, 198

 230, 245, 255

 230, 53, 194

 230, 244, 255

 230, 30, 189

 230, 243, 255

 230, 7, 184

 230, 0, 183

Harmonies

Analogous

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



208, 197, 237



230, 191, 222



243, 188, 202

Triad

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



230, 191, 222



185, 217, 162



147, 182, 223

Complementary

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



230, 191, 222



191, 223, 230

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.



154, 187, 214



230, 191, 222



168, 208, 181

Square

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



230, 191, 222



235, 215, 167



172, 203, 212



158, 190, 238

Rectangle

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



230, 191, 222



245, 189, 188



172, 203, 212



148, 182, 217

Sweetspot

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



230, 191, 222



255, 242, 252



199, 191, 230



128, 120, 126



0, 0, 0



128, 128, 128

Same Dimension

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



230, 191, 222



255, 204, 245



230, 191, 203



115, 103, 112



179, 0, 142



51, 0, 41

Inverse Universe

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



230, 191, 222



255, 204, 245



191, 214, 230



115, 103, 112



179, 0, 142



51, 0, 41

Previews

White Background



This preview shows how the RYB color 230, 191, 222 looks on a white background.

Color Contrast Check

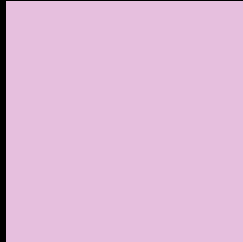
Large Text (above 18pt) WCAG AA × Fail

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 230, 191, 222 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

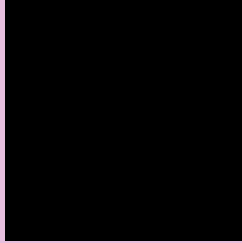
Any Text WCAG AA ✓ Pass

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 230, 191, 222 Background



This preview shows how black text looks on a background with the RYB color 230, 191, 222.

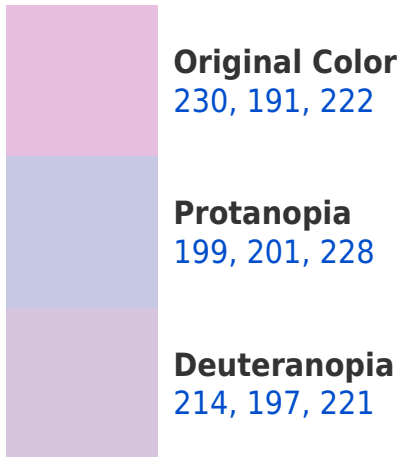



This preview shows how white text looks on a background with the RYB color 230, 191, 222.

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
228, 193, 208

Trichromacy



Original Color
230, 191, 222

Protanomaly
210, 197, 226

Deuteranomaly
220, 195, 221

Tritanomaly
229, 192, 213

Monochromacy



Original Color
230, 191, 222

Achromatopsia
206, 206, 206

Achromatomaly
215, 201, 212

CSS Examples

Text

The CSS property to change the color of the text to RYB 230, 191, 222 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(230, 191, 222) looks like.

```
.text, #text, p{  
    color:rgb(230, 191, 222)  
}
```

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(230, 191, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 191, 222) }
```

Border

The CSS property to change the border of an element to RYB 230, 191, 222 is called "border". The border property can be set on classes, ids or directly on the HTML element.

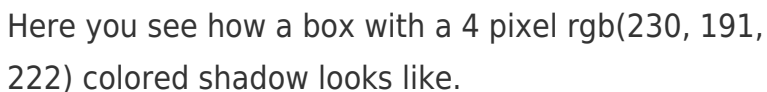
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(230, 191, 222) }
```

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

```
.border{ border-color:rgb(230, 191, 222) }
```

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



Here you see how a box with a 4 pixel `rgb(230, 191, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 191, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 191, 222);  
box-shadow:4px 4px 4px 4px rgb(230, 191,  
222) }
```

Background

The CSS property to change the background color of an element to RYB 230, 191, 222 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 191, 222) }
```

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

```
.background{ background-color: rgb(230,  
191, 222) }
```

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