

Converting Colors

`RYB(248, 182, 231)`

Have a look what the booklet for
RYB(248, 182, 231) contains.

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Color

R_YB(248, 182, 231)

Conversions

Conversions Part 1

Format	Color
Hex	F8B6E7
RGB	248, 182, 231
RGB Percent	97%, 71%, 91%
CMY	0.0275, 0.2863, 0.0941
CMYK	0.00, 0.27, 0.07, 0.03
HSL	315°, 83%, 84%
HSV	315°, 27%, 97%
XYZ	69.8632, 59.1819, 83.3424
YIQ	207.3200, 23.6070, 29.2310

Conversions

Conversions Part 2

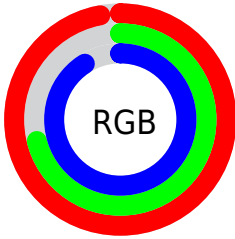
Format	Color
R _Y B	248, 182, 231
Decimal	16299751
CIE Lab	81.39, 31.45, -15.03
CIE LCh	81, 34.857, 334.450
Yxy	59.1819, 0.3289, 0.2787
Android (android.graphics.Color)	4294489831 (0xFFFF8B6E7)
YUV	207.3200, 11.6742, 35.6764
Hunter-Lab	76.9298, 27.4763, -10.3814

Details

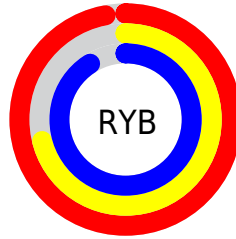
The RYB color **248, 182, 231** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **182, 234, 248**, and the grayscale version is **207, 207, 207**.

A 20% lighter version of the original color is **255, 238, 255**, and **191, 128, 175** is the 20% darker color. If you saturate the color by 10%, you get **248, 157, 225**, and if you desaturate by 10%, it is **248, 207, 237**.

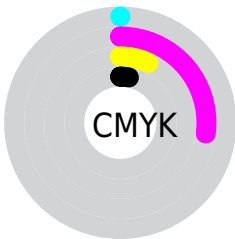
Distribution



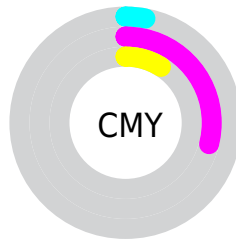
- Red (97%)
- Green (71%)
- Blue (91%)



- Red (97%)
- Yellow (71%)
- Blue (91%)



- Cyan (0%)
- Magenta (27%)
- Yellow (7%)
- Black (3%)




- Cyan (3%)
- Magenta (29%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the RYB color 248, 182, 231 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 248, 182, 231 by changing the saturation by 10% instead.


 248, 182, 231

 248, 182, 231

255, 255, 255

 219, 155, 203

 255, 238, 255

 191, 128, 175

 163, 103, 149

 136, 78, 123

 110, 54, 98

 85, 30, 74

 60, 5, 51

 40, 0, 30

 0, 0, 0

 248, 182, 231

 248, 182, 231

 248, 157, 225


 248, 207, 237

 248, 132, 218


 248, 232, 244


 248, 108, 212

 248, 253, 255

 248, 83, 205

 248, 252, 255

 248, 58, 199

 248, 33, 193

 248, 8, 186

 248, 0, 184

Harmonies

Analogous

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



213, 192, 255



248, 182, 231



255, 178, 198

Triad

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



248, 182, 231



160, 220, 137



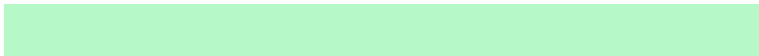
95, 161, 238

Complementary

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



248, 182, 231



182, 234, 248

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.



111, 169, 220



248, 182, 231



148, 211, 174

Square

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



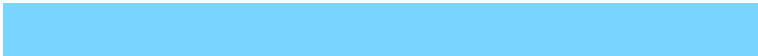
248, 182, 231



249, 229, 144



147, 199, 218



120, 175, 255

Rectangle

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



248, 182, 231



255, 179, 177



147, 199, 218



97, 160, 228

Sweetspot

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



248, 182, 231



255, 235, 250



199, 182, 248



128, 115, 124



0, 0, 0



128, 128, 128

Same Dimension

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



248, 182, 231



255, 173, 234



248, 182, 199



125, 112, 122



189, 0, 140



61, 0, 45

Inverse Universe

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



248, 182, 231



255, 173, 234



182, 220, 248



125, 112, 122



189, 0, 140



61, 0, 45

Previews

White Background



This preview shows how the RYB color 248, 182, 231 looks on a white background.

Color Contrast Check

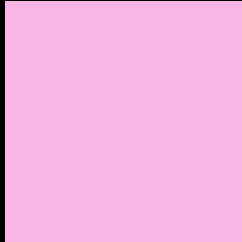
Large Text (above 18pt) WCAG AA × Fail

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 248, 182, 231 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 248, 182, 231 Background



This preview shows how black text looks on a background with the RYB color 248, 182, 231.

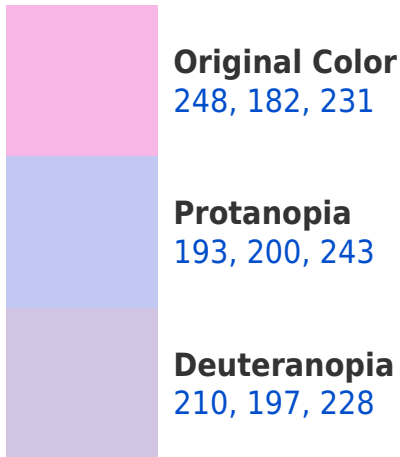


This preview shows how white text looks on a background with the RYB color 248, 182, 231.

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
244, 187, 202

Trichromacy



Original Color

248, 182, 231



Protanomaly

213, 194, 239



Deuteranomaly

224, 192, 229



Tritanomaly

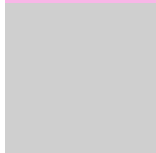
245, 185, 213

Monochromacy



Original Color

248, 182, 231



Achromatopsia

207, 207, 207



Achromatomaly

222, 198, 216

CSS Examples

Text

The CSS property to change the color of the text to RYB 248, 182, 231 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(248, 182, 231) looks like.

```
.text, #text, p{  
    color:rgb(248, 182, 231)  
}
```

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(248, 182, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 182, 231) }
```

Border

The CSS property to change the border of an element to RYB 248, 182, 231 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(248, 182, 231) }
```

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

```
.border{ border-color:rgb(248, 182, 231) }
```

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

Here you see how a box with a 4 pixel rgb(248, 182, 231) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 182, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 182, 231);  
box-shadow:4px 4px 4px 4px rgb(248, 182,  
231) }
```

Background

The CSS property to change the background color of an element to RYB 248, 182, 231 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 182, 231) }
```

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

```
.background{ background-color: rgb(248,  
182, 231) }
```

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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