

Converting Colors

`RYB(243, 182, 233)`

Have a look what the booklet for RYB(243, 182, 233) contains.

RYB(243, 182, 233)	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(243, 182, 233)`

Conversions

Conversions Part 1

Format	Color
Hex	F3B6E9
RGB	243, 182, 233
RGB Percent	95%, 71%, 91%
CMY	0.0471, 0.2863, 0.0863
CMYK	0.00, 0.25, 0.04, 0.05
HSL	310°, 72%, 83%
HSV	310°, 25%, 95%
XYZ	68.3981, 58.3938, 84.7569
YIQ	206.0530, 19.9850, 28.7930

Conversions

Conversions Part 2

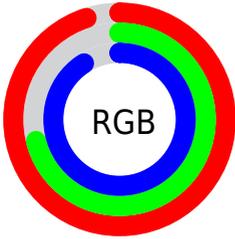
Format	Color
R_{YB}	243, 182, 233
Decimal	15972073
CIE _{Lab}	80.96, 30.14, -16.81
CIE _{LCh}	81, 34.514, 330.851
Yxy	58.3938, 0.3233, 0.2760
Android (android.graphics.Color)	4294162153 (0xFFFF3B6E9)
YUV	206.0530, 13.2849, 32.4025
Hunter-Lab	76.4158, 26.0436, -12.2707

Details

The RYB color **243, 182, 233** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **182, 234, 243**, and the grayscale version is **206, 206, 206**.

A 20% lighter version of the original color is **255, 238, 255**, and **186, 128, 177** is the 20% darker color. If you saturate the color by 10%, you get **243, 158, 229**, and if you desaturate by 10%, it is **243, 206, 237**.

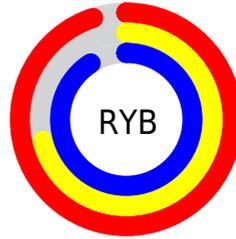
Distribution



Red (95%)

Green (71%)

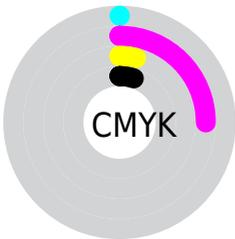
Blue (91%)



Red (95%)

Yellow (71%)

Blue (91%)

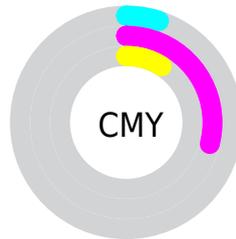


Cyan (0%)

Magenta (25%)

Yellow (4%)

Black (5%)



Cyan (5%)

Magenta (29%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the RYB color 243, 182, 233 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 243, 182, 233 by changing the saturation by 10% instead.

 243, 182, 233

255, 255, 255

 255, 238, 255

 243, 182, 233

 214, 155, 205

 186, 128, 177

 159, 103, 151

 132, 78, 125

 106, 54, 100

 81, 31, 76

 57, 6, 53

 37, 0, 32

 0, 0, 3

 243, 182, 233

 243, 182, 233

 243, 158, 229

 243, 206, 237

 243, 133, 225

 243, 231, 241

 243, 109, 221

 243, 253, 255

 243, 85, 217

 243, 251, 255

 243, 61, 213

 243, 250, 255

 243, 36, 209

 243, 249, 255

 243, 12, 205

 243, 0, 203

Harmonies

Analogous

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



207, 192, 255



243, 182, 233



255, 177, 201

Triad

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



243, 182, 233



169, 223, 136



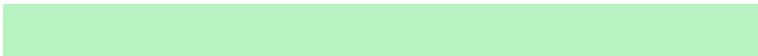
96, 161, 233

Complementary

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



243, 182, 233



182, 234, 243

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.



115, 172, 219



243, 182, 233



145, 209, 166

Square

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



243, 182, 233



250, 216, 146



151, 202, 216



115, 173, 255

Rectangle

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



243, 182, 233



255, 178, 180



151, 202, 216



99, 160, 223

Sweetspot

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



243, 182, 233



255, 235, 252



191, 182, 243



128, 115, 125



0, 0, 0



128, 128, 128

Same Dimension

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



243, 182, 233



255, 179, 242



243, 182, 203



122, 110, 120



186, 0, 156



59, 0, 49

Inverse Universe

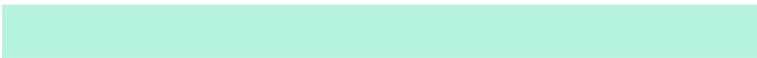
The Inverse Universe completely reimagines the original color for something new.



243, 182, 233



255, 179, 242



182, 219, 243



122, 110, 120



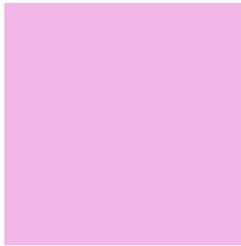
186, 0, 156



59, 0, 49

Previews

White Background



This preview shows how the RYB color 243, 182, 233 looks on a white background.

Color Contrast Check

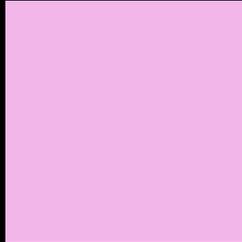
Large Text (above 18pt) WCAG AA × Fail

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 243, 182, 233 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

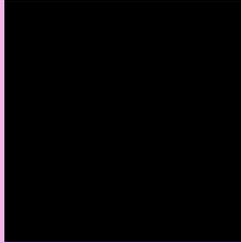
Any Text WCAG AA ✓ Pass

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](#).

RYP 243, 182, 233 Background



This preview shows how black text looks on a background with the RYB color 243, 182, 233.



This preview shows how white text looks on a background with the RYB color 243, 182, 233.

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
243, 182, 233

Protanopia
191, 198, 245

Deuteranopia
207, 196, 230



Tritanopia
239, 188, 202

Trichromacy



Original Color

243, 182, 233



Protanomaly

210, 193, 241



Deuteranomaly

220, 191, 231



Tritanomaly

240, 186, 213

Monochromacy



Original Color

243, 182, 233



Achromatopsia

206, 206, 206



Achromatomaly

219, 197, 216

CSS Examples

Text

The CSS property to change the color of the text to RYB 243, 182, 233 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(243, 182, 233) looks like.

```
.text, #text, p{  
    color:rgb(243, 182, 233)  
}
```

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(243, 182, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 182, 233) }
```

Border

The CSS property to change the border of an element to RYB 243, 182, 233 is called "border". The border property can be set on classes, ids or directly on the HTML element.

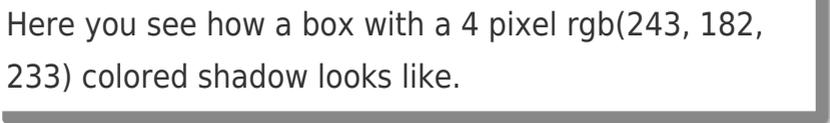
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(243, 182, 233) }
```

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

```
.border{ border-color:rgb(243, 182, 233) }
```

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



Here you see how a box with a 4 pixel `rgb(243, 182, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 182, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 182, 233);  
box-shadow:4px 4px 4px 4px rgb(243, 182,  
233) }
```

Background

The CSS property to change the background color of an element to RYB 243, 182, 233 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 182, 233) }
```

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

```
.background{ background-color: rgb(243,  
182, 233) }
```

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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