

Converting Colors

`RYB(243, 169, 229)`

Have a look what the booklet for
RYB(243, 169, 229) contains.

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Color

R_YB(243, 169, 229)

Conversions

Conversions Part 1

Format	Color
Hex	F3A9E5
RGB	243, 169, 229
RGB Percent	95%, 66%, 90%
CMY	0.0471, 0.3373, 0.1020
CMYK	0.00, 0.30, 0.06, 0.05
HSL	311°, 76%, 81%
HSV	311°, 30%, 95%
XYZ	65.2930, 53.0878, 80.9344
YIQ	197.9660, 24.8440, 34.3480

Conversions

Conversions Part 2

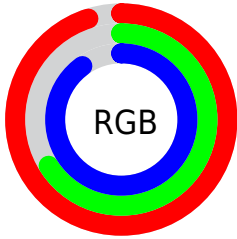
Format	Color
R _Y B	243, 169, 229
Decimal	15968741
CIE Lab	77.93, 36.32, -19.23
CIE LCh	78, 41.096, 332.103
Yxy	53.0878, 0.3276, 0.2664
Android (android.graphics.Color)	4294158821 (0xFFFF3A9E5)
YUV	197.9660, 15.2998, 39.4948
Hunter-Lab	72.8614, 32.4512, -14.8564

Details

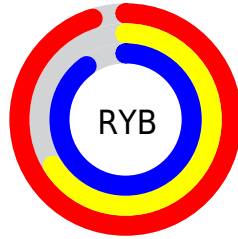
The RYB color **243, 169, 229** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **169, 231, 243**, and the grayscale version is **198, 198, 198**.

A 20% lighter version of the original color is **255, 225, 255**, and **186, 116, 173** is the 20% darker color. If you saturate the color by 10%, you get **243, 145, 224**, and if you desaturate by 10%, it is **243, 193, 234**.

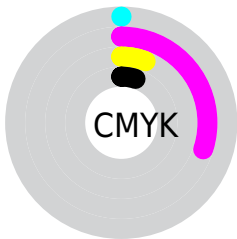
Distribution



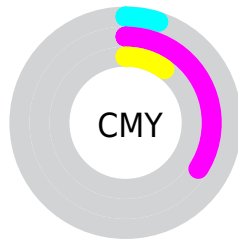
- Red (95%)
- Green (66%)
- Blue (90%)



- Red (95%)
- Yellow (66%)
- Blue (90%)



- Cyan (0%)
- Magenta (30%)
- Yellow (6%)
- Black (5%)



- Cyan (5%)
- Magenta (34%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the RYB color 243, 169, 229 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, 169, 229 by changing the saturation by 10% instead.


 243, 169, 229

255, 255, 255

 255, 225, 255


255, 254, 255

 243, 169, 229


 214, 142, 201

 186, 116, 173

 158, 90, 147

 131, 65, 121

 105, 41, 96

 80, 15, 72

 55, 0, 49

 34, 0, 29

 0, 0, 0

 243, 169, 229


 243, 169, 229

 243, 145, 224


 243, 193, 234

 243, 120, 220


 243, 218, 238

 243, 96, 215


 243, 242, 243

 243, 72, 211

 243, 252, 255

 243, 48, 206

 243, 250, 255

 243, 23, 201

 243, 249, 255

 243, 0, 197

Harmonies

Analogous

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



201, 182, 255



243, 169, 229



255, 163, 191

Triad

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



243, 169, 229



148, 215, 116



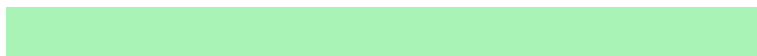
27, 124, 232

Complementary

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



243, 169, 229



169, 231, 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.



77, 150, 213



243, 169, 229



127, 202, 154

Square

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



243, 169, 229



247, 217, 126



129, 190, 210



74, 150, 255

Rectangle

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



243, 169, 229



255, 164, 166



129, 190, 210



40, 128, 220

Sweetspot

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



243, 169, 229



255, 232, 251



183, 169, 243



128, 113, 125



0, 0, 0



128, 128, 128

Same Dimension

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



243, 169, 229



255, 161, 237



243, 169, 192



122, 110, 120



186, 0, 151



59, 0, 48

Inverse Universe

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



243, 169, 229



255, 161, 237



169, 213, 243



122, 110, 120



186, 0, 151



59, 0, 48

Previews

White Background



This preview shows how the RYB color 243, 169, 229 looks on a white background.

Color Contrast Check

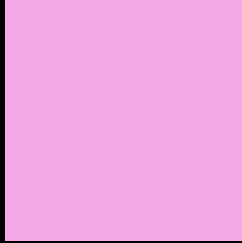
Large Text (above 18pt) WCAG AA × Fail

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, 169, 229 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 243, 169, 229 Background



This preview shows how black text looks on a background with the RYB color 243, 169, 229.

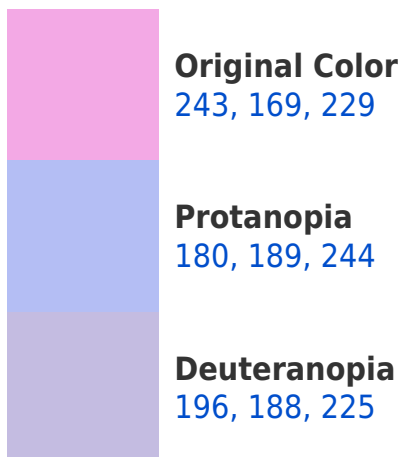


This preview shows how white text looks on a background with the RYB color 243, 169, 229.

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
238, 176, 190

Trichromacy



Original Color

243, 169, 229



Protanomaly

203, 183, 239



Deuteranomaly

213, 181, 226



Tritanomaly

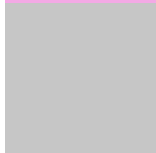
240, 173, 204

Monochromacy



Original Color

243, 169, 229



Achromatopsia

198, 198, 198



Achromatomaly

214, 187, 209

CSS Examples

Text

The CSS property to change the color of the text to RYB 243, 169, 229 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, 169, 229) looks like.

```
.text, #text, p{  
    color:rgb(243, 169, 229)  
}
```

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, 169, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 169, 229) }
```

Border

The CSS property to change the border of an element to RYB 243, 169, 229 is called "border". The border property can be set on classes, ids or directly on the HTML element.

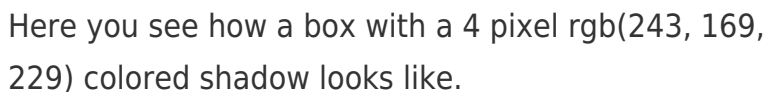
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(243, 169, 229) }
```

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

```
.border{ border-color:rgb(243, 169, 229) }
```

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



Here you see how a box with a 4 pixel `rgb(243, 169, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(243, 169, 229); -webkit-box-shadow:4px 4px 4px 4px rgb(243, 169, 229); box-shadow:4px 4px 4px 4px rgb(243, 169, 229) }
```

Background

The CSS property to change the background color of an element to RGB 243, 169, 229 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 169, 229) }
```

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

```
.background{ background-color: rgb(243,  
169, 229) }
```

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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