

Converting Colors

`RYB(247, 163, 245)`

Have a look what the booklet for
RYB(247, 163, 245) contains.

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Color

R_YB(247, 163, 245)

Conversions

Conversions Part 1

Format	Color
Hex	F7A3F5
RGB	247, 163, 245
RGB Percent	97%, 64%, 96%
CMY	0.0314, 0.3608, 0.0392
CMYK	0.00, 0.34, 0.01, 0.03
HSL	301°, 84%, 80%
HSV	301°, 34%, 97%
XYZ	67.9364, 52.5611, 92.9509
YIQ	197.4640, 23.7420, 43.3100

Conversions

Conversions Part 2

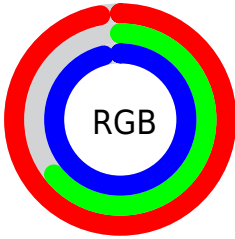
Format	Color
RYB	247, 163, 245
Decimal	16229365
CIELab	77.62, 43.54, -28.32
CIELCh	78, 51.939, 326.957
Yxy	52.5611, 0.3183, 0.2462
Android (android.graphics.Color)	4294419445 (0xFFFF7A3F5)
YUV	197.4640, 23.4352, 43.4431
Hunter-Lab	72.4990, 40.3930, -25.2663

Details

The RYB color **247, 163, 245** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **163, 245, 247**, and the grayscale version is **197, 197, 197**.

A 20% lighter version of the original color is **255, 219, 255**, and **189, 109, 189** is the 20% darker color. If you saturate the color by 10%, you get **247, 138, 244**, and if you desaturate by 10%, it is **247, 188, 246**.

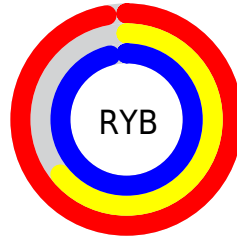
Distribution



Red (97%)

Green (64%)

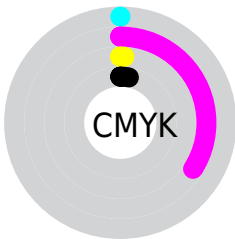
Blue (96%)



Red (97%)

Yellow (64%)

Blue (96%)

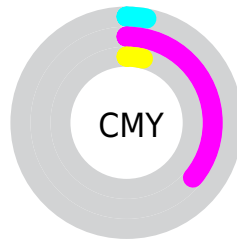


Cyan (0%)

Magenta (34%)

Yellow (1%)

Black (3%)



Cyan (3%)

Magenta (36%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the RYB color 247, 163, 245 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 247, 163, 245 by changing the saturation by 10% instead.

 247, 163, 245

 247, 163, 245


255, 255, 255

 218, 136, 216


 255, 219, 255

 189, 109, 189

 255, 248, 255

 161, 84, 161

 134, 58, 135


 108, 32, 109

 82, 0, 85

 57, 0, 61

 35, 0, 39

 0, 1, 16

 247, 163, 245

 247, 163, 245

 247, 138, 244


 247, 188, 246

 247, 114, 244

 247, 212, 246

 247, 89, 243

 247, 237, 247

 247, 64, 243

 247, 255, 255

 247, 40, 242

 247, 254, 255

 247, 15, 241

 247, 253, 255

 247, 0, 241

 247, 253, 255

Harmonies

Analogous

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



188, 181, 255



247, 163, 245



255, 152, 199

Triad

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



247, 163, 245



146, 225, 93



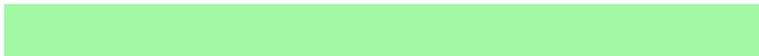
0, 112, 234

Complementary

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



247, 163, 245



163, 245, 247

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.



0, 116, 216



247, 163, 245



103, 202, 128

Square

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



247, 163, 245



255, 210, 112



118, 196, 212



0, 115, 255

Rectangle

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



247, 163, 245



255, 153, 166



118, 196, 212



0, 109, 218

Sweetspot

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



247, 163, 245



255, 230, 254



164, 163, 247



128, 112, 127



0, 0, 0



128, 128, 128

Same Dimension

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



247, 163, 245



255, 150, 253



247, 163, 204



122, 110, 122



186, 0, 182



59, 0, 57

Inverse Universe

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



247, 163, 245



255, 150, 253



163, 219, 247



122, 110, 122



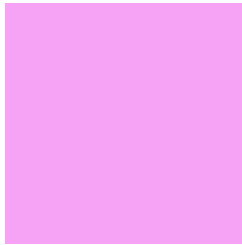
186, 0, 182



59, 0, 57

Previews

White Background



This preview shows how the RYB color 247, 163, 245 looks on a white background.

Color Contrast Check

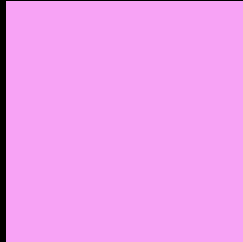
Large Text (above 18pt) WCAG AA × Fail

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 247, 163, 245 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 247, 163, 245 Background



This preview shows how black text looks on a background with the RYP color 247, 163, 245.

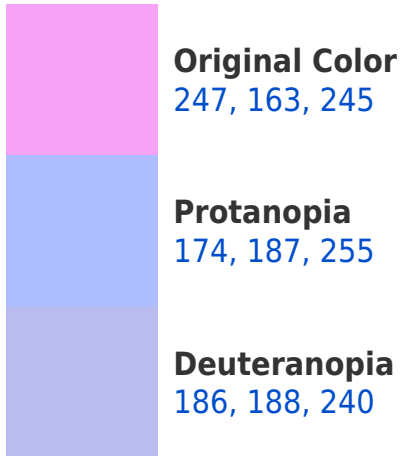


This preview shows how white text looks on a background with the RYP color 247, 163, 245.

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
239, 174, 188

Trichromacy



Original Color

247, 163, 245



Protanomaly

201, 180, 251



Deuteranomaly

208, 179, 242



Tritanomaly

242, 170, 209

Monochromacy



Original Color

247, 163, 245



Achromatopsia

197, 197, 197



Achromatomaly

215, 185, 214

CSS Examples

Text

The CSS property to change the color of the text to RYB 247, 163, 245 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(247, 163, 245) looks like.

```
.text, #text, p{  
    color:rgb(247, 163, 245)  
}
```

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(247, 163, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 163, 245) }
```

Border

The CSS property to change the border of an element to RYB 247, 163, 245 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(247, 163, 245) }
```

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

```
.border{ border-color:rgb(247, 163, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 163, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 163, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 163, 245);  
box-shadow:4px 4px 4px 4px rgb(247, 163,  
245) }
```

Background

The CSS property to change the background color of an element to RYB 247, 163, 245 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 163, 245) }
```

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

```
.background{ background-color: rgb(247,  
163, 245) }
```

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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