

Converting Colors

`RYB(245, 153, 235)`

Have a look what the booklet for
RYB(245, 153, 235) contains.

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Color

`RYB(245, 153, 235)`

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | F599EB |
| RGB | 245, 153, 235 |
| RGB Percent | 96%, 60%, 92% |
| CMY | 0.0392, 0.4000, 0.0784 |
| CMYK | 0.00, 0.38, 0.04, 0.04 |
| HSL | 307°, 82%, 78% |
| HSV | 307°, 38%, 96% |
| XYZ | 64.0428, 48.1931, 84.5240 |
| YIQ | 189.8560, 28.5100, 45.0060 |

Conversions

Conversions Part 2

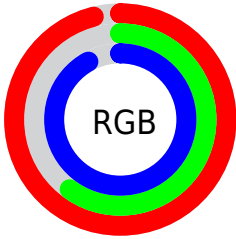
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 245, 153, 235 |
| Decimal | 16095723 |
| CIE _{Lab} | 74.95, 46.33, -27.01 |
| CIE _{LCh} | 75, 53.628, 329.763 |
| Yxy | 48.1931, 0.3255, 0.2449 |
| Android (android.graphics.Color) | 4294285803 (0xFFFF599EB) |
| YUV | 189.8560, 22.2560, 48.3613 |
| Hunter-Lab | 69.4213, 43.1835, -23.5938 |

Details

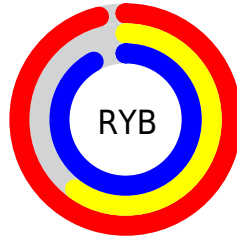
The RYB color **245, 153, 235** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **153, 236, 245**, and the grayscale version is **190, 190, 190**.

A 20% lighter version of the original color is **255, 209, 255**, and **187, 100, 179** is the 20% darker color. If you saturate the color by 10%, you get **245, 129, 232**, and if you desaturate by 10%, it is **245, 178, 238**.

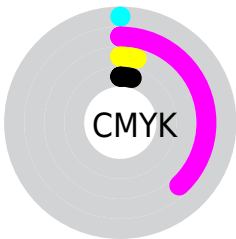
Distribution



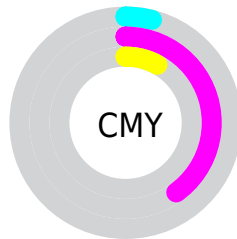
- Red (96%)
- Green (60%)
- Blue (92%)



- Red (96%)
- Yellow (60%)
- Blue (92%)



- Cyan (0%)
- Magenta (38%)
- Yellow (4%)
- Black (4%)



- Cyan (4%)
- Magenta (40%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the RYB color 245, 153, 235 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 245, 153, 235 by changing the saturation by 10% instead.

 245, 153, 235

 245, 153, 235


255, 255, 255

 216, 126, 207

 255, 209, 255

 187, 100, 179

 255, 238, 255

 159, 74, 152

 132, 47, 126

 105, 18, 101

 79, 0, 77


 54, 0, 53

 30, 0, 32

 0, 0, 3

 245, 153, 235

 245, 153, 235

 245, 129, 232


 245, 178, 238

 245, 104, 230


 245, 202, 240

 245, 80, 227

 245, 227, 243

 245, 55, 224

 245, 250, 251

 245, 30, 222

 245, 253, 255

 245, 6, 219

 245, 251, 255

 245, 0, 218

 245, 250, 255

 245, 250, 255

Harmonies

Analogous

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



187, 172, 255



245, 153, 235



255, 143, 187

Triad

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



245, 153, 235



124, 214, 82



0, 110, 232

Complementary

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



245, 153, 235



153, 236, 245

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, 112, 209



245, 153, 235



95, 196, 127

Square

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



245, 153, 235



253, 210, 100



100, 180, 205



0, 113, 255

Rectangle

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



245, 153, 235



255, 144, 154



100, 180, 205



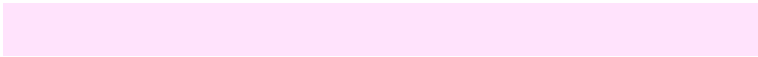
0, 106, 216

Sweetspot

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



245, 153, 235



255, 227, 252



162, 153, 245



128, 111, 126



0, 0, 0



128, 128, 128

Same Dimension

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



245, 153, 235



255, 140, 243



245, 153, 190



122, 110, 121



186, 0, 166



59, 0, 52

Inverse Universe

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



245, 153, 235



255, 140, 243



153, 211, 245



122, 110, 121



186, 0, 166



59, 0, 52

Previews

White Background



This preview shows how the RYB color 245, 153, 235 looks on a white background.

Color Contrast Check

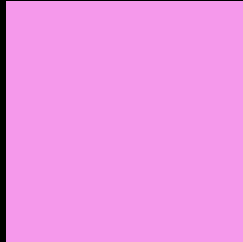
Large Text (above 18pt) WCAG AA × Fail

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 245, 153, 235 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 245, 153, 235 Background



This preview shows how black text looks on a background with the RYB color 245, 153, 235.

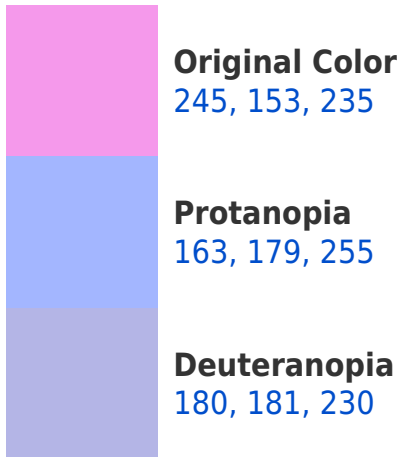


This preview shows how white text looks on a background with the RYB color 245, 153, 235.

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, 165, 177

Trichromacy



Original Color

245, 153, 235



Protanomaly

193, 171, 248



Deuteranomaly

204, 171, 232



Tritanomaly

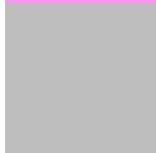
241, 161, 198

Monochromacy



Original Color

245, 153, 235



Achromatopsia

190, 190, 190



Achromatomaly

210, 177, 206

CSS Examples

Text

The CSS property to change the color of the text to RYB 245, 153, 235 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(245, 153, 235) looks like.

```
.text, #text, p{  
    color:rgb(245, 153, 235)  
}
```

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(245, 153, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 153, 235) }
```

Border

The CSS property to change the border of an element to RYB 245, 153, 235 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(245, 153, 235) }
```

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

```
.border{ border-color:rgb(245, 153, 235) }
```

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

Here you see how a box with a 4 pixel rgb(245, 153, 235) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 153, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 153, 235);  
box-shadow:4px 4px 4px 4px rgb(245, 153,  
235) }
```

Background

The CSS property to change the background color of an element to RYB 245, 153, 235 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 153, 235) }
```

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

```
.background{ background-color: rgb(245,  
153, 235) }
```

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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