

Converting Colors

`RYB(225, 143, 237)`

Have a look what the booklet for
RYB(225, 143, 237) contains.

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Color

R_YB(225, 143, 237)

Conversions

Conversions Part 1

Format	Color
Hex	E18FED
RGB	225, 143, 237
RGB Percent	88%, 56%, 93%
CMY	0.1176, 0.4392, 0.0706
CMYK	0.05, 0.40, 0.00, 0.07
HSL	292°, 72%, 75%
HSV	292°, 40%, 93%
XYZ	56.1599, 41.7669, 85.2226
YIQ	178.2340, 18.6980, 46.6180

Conversions

Conversions Part 2

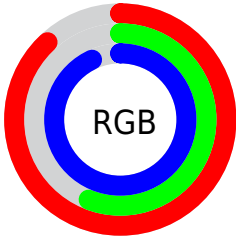
Format	Color
R _Y B	225, 143, 237
Decimal	14782445
CIE Lab	70.71, 45.82, -34.82
CIE LCh	71, 57.543, 322.768
Yxy	41.7669, 0.3066, 0.2280
Android (android.graphics.Color)	4292972525 (0xFFE18FED)
YUV	178.2340, 28.9716, 41.0138
Hunter-Lab	64.6273, 42.0152, -32.9453

Details

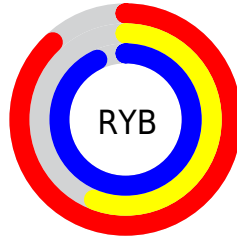
The RYB color **225, 143, 237** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **143, 237, 225**, and the grayscale version is **178, 178, 178**.

A 20% lighter version of the original color is **255, 198, 255**, and **168, 90, 181** is the 20% darker color. If you saturate the color by 10%, you get **222, 119, 237**, and if you desaturate by 10%, it is **228, 167, 237**.

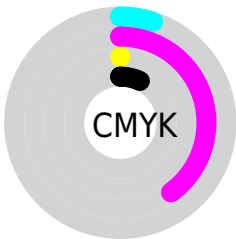
Distribution



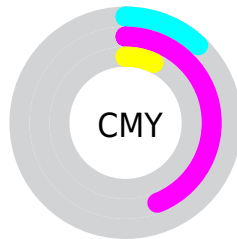
- Red (88%)
- Green (56%)
- Blue (93%)



- Red (88%)
- Yellow (56%)
- Blue (93%)



- Cyan (5%)
- Magenta (40%)
- Yellow (0%)
- Black (7%)



- Cyan (12%)
- Magenta (44%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the RYB color 225, 143, 237 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 225, 143, 237 by changing the saturation by 10% instead.

 225, 143, 237

255, 255, 255


 255, 198, 255

 255, 227, 255


 225, 143, 237

 196, 116, 209

 168, 90, 181

 141, 65, 154

 114, 39, 127

 88, 7, 102

 62, 0, 78

 40, 0, 55

 0, 0, 32

 0, 0, 4

■ 225, 143, 237

■ 225, 143, 237

■ 222, 119, 237

■ 228, 167, 237

■ 219, 96, 237

■ 231, 190, 237

■ 216, 72, 237

■ 234, 214, 237

■ 213, 48, 237

■ 237, 238, 238

■ 210, 24, 237

■ 237, 255, 252

■ 207, 1, 237

■ 237, 255, 249

■ 207, 0, 237

■ 237, 255, 246

■ 237, 255, 243

■ 237, 255, 240

Harmonies

Analogous

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



154, 163, 255



225, 143, 237



255, 128, 188

Triad

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



225, 143, 237



133, 213, 64



0, 103, 212

Complementary

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



225, 143, 237



143, 237, 225

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, 110, 198



225, 143, 237



71, 182, 90

Square

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



225, 143, 237



251, 175, 91



99, 186, 193



0, 110, 255

Rectangle

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



225, 143, 237



255, 127, 153



99, 186, 193



0, 101, 199

Sweetspot

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



225, 143, 237



251, 224, 255



143, 154, 237



125, 110, 128



0, 0, 0



128, 128, 128

Same Dimension

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



225, 143, 237



239, 133, 255



237, 143, 203



116, 106, 117



158, 0, 181



47, 0, 54

Inverse Universe

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



237, 143, 155



255, 133, 148



143, 212, 237



117, 106, 107



181, 0, 23



54, 0, 7

Previews

White Background



This preview shows how the RYB color 225, 143, 237 looks on a white background.

Color Contrast Check

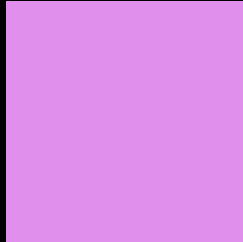
Large Text (above 18pt) WCAG AA × Fail

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 225, 143, 237 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

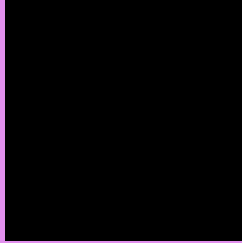
Any Text WCAG AA ✓ Pass

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](#).

R Y B 225, 143, 237 Background



This preview shows how black text looks on a background with the RYB color 225, 143, 237.

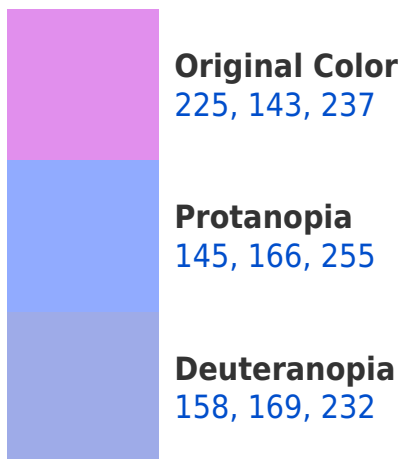



This preview shows how white text looks on a background with the RYB color 225, 143, 237.

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
216, 157, 170

Trichromacy



Original Color

225, 143, 237



Protanomaly

174, 161, 248



Deuteranomaly

182, 161, 234



Tritanomaly

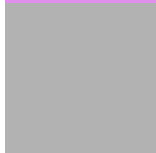
219, 152, 194

Monochromacy



Original Color

225, 143, 237



Achromatopsia

178, 178, 178



Achromatomaly

195, 165, 199

CSS Examples

Text

The CSS property to change the color of the text to RYB 225, 143, 237 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(225, 143, 237) looks like.

```
.text, #text, p{  
    color:rgb(225, 143, 237)  
}
```

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(225, 143, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 143, 237) }
```

Border

The CSS property to change the border of an element to RYB 225, 143, 237 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(225, 143, 237) }
```

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

```
.border{ border-color:rgb(225, 143, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 143, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 143, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 143, 237);  
box-shadow:4px 4px 4px 4px rgb(225, 143,  
237) }
```

Background

The CSS property to change the background color of an element to RYB 225, 143, 237 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 143, 237) }
```

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

```
.background{ background-color: rgb(225,  
143, 237) }
```

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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