

Converting Colors

`RYB(234, 143, 220)`

Have a look what the booklet for
RYB(234, 143, 220) contains.

RYB(234, 143, 220)	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

R_YB(234, 143, 220)

Conversions

Conversions Part 1

Format	Color
Hex	EA8FDC
RGB	234, 143, 220
RGB Percent	92%, 56%, 86%
CMY	0.0824, 0.4392, 0.1373
CMYK	0.00, 0.39, 0.06, 0.08
HSL	309°, 68%, 74%
HSV	309°, 39%, 92%
XYZ	56.6724, 42.3047, 72.8888
YIQ	178.9870, 29.5190, 43.2390

Conversions

Conversions Part 2

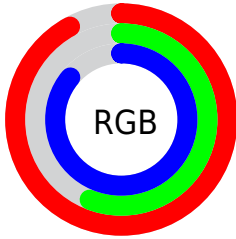
Format	Color
R_{YB}	234, 143, 220
Decimal	15372252
CIE _{Lab}	71.08, 45.49, -24.82
CIE _{LCh}	71, 51.820, 331.385
Yxy	42.3047, 0.3297, 0.2461
Android (android.graphics.Color)	4293562332 (0xFFEA8FDC)
YUV	178.9870, 20.2194, 48.2464
Hunter-Lab	65.0420, 41.7071, -20.9134

Details

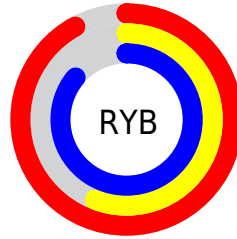
The RYB color **234, 143, 220** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **143, 222, 234**, and the grayscale version is **179, 179, 179**.

A 20% lighter version of the original color is **255, 198, 255**, and **177, 90, 165** is the 20% darker color. If you saturate the color by 10%, you get **234, 120, 216**, and if you desaturate by 10%, it is **234, 166, 224**.

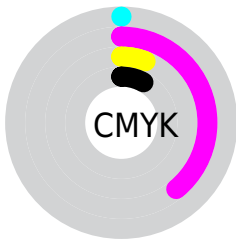
Distribution



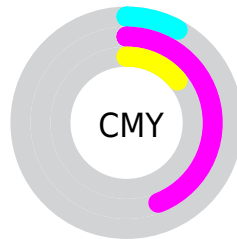
- Red (92%)
- Green (56%)
- Blue (86%)



- Red (92%)
- Yellow (56%)
- Blue (86%)



- Cyan (0%)
- Magenta (39%)
- Yellow (6%)
- Black (8%)




- Cyan (8%)
- Magenta (44%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the RYB color 234, 143, 220 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 234, 143, 220 by changing the saturation by 10% instead.

 234, 143, 220

 234, 143, 220

255, 255, 255

 205, 116, 192

 255, 198, 255

 177, 90, 165

 255, 227, 255

 149, 64, 138

 122, 38, 113


 95, 5, 88


 70, 0, 64


 47, 0, 42

 8, 0, 20

 0, 0, 0

 234, 143, 220

 234, 143, 220

 234, 120, 216

 234, 166, 224

 234, 96, 213

 234, 190, 227

 234, 73, 209

 234, 213, 231

 234, 49, 206

 234, 237, 237

 234, 26, 202

 234, 252, 255

 234, 3, 198

 234, 249, 255

 234, 0, 198

 234, 248, 255

 234, 246, 255

 234, 245, 255

Harmonies

Analogous

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



180, 161, 255



234, 143, 220



255, 134, 174

Triad

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



234, 143, 220



112, 200, 76



0, 104, 222

Complementary

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



234, 143, 220



143, 222, 234

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, 105, 198



234, 143, 220



90, 186, 125

Square

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



234, 143, 220



237, 205, 91



89, 166, 194



0, 109, 255

Rectangle

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



234, 143, 220



255, 136, 142



89, 166, 194



0, 101, 207

Sweetspot

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



234, 143, 220



255, 224, 250



157, 143, 234



128, 110, 125



0, 0, 0



128, 128, 128

Same Dimension

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



234, 143, 220



255, 135, 237



234, 143, 175



117, 106, 115



181, 0, 153



54, 0, 45

Inverse Universe

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



234, 143, 220



255, 135, 237



143, 198, 234



117, 106, 115



181, 0, 153



54, 0, 45

Previews

White Background



This preview shows how the RYB color 234, 143, 220 looks on a white background.

Color Contrast Check

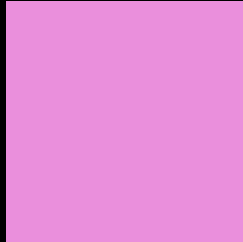
Large Text (above 18pt) WCAG AA × Fail

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 234, 143, 220 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](#).

RGB 234, 143, 220 Background



This preview shows how black text looks on a background with the RGB color 234, 143, 220.

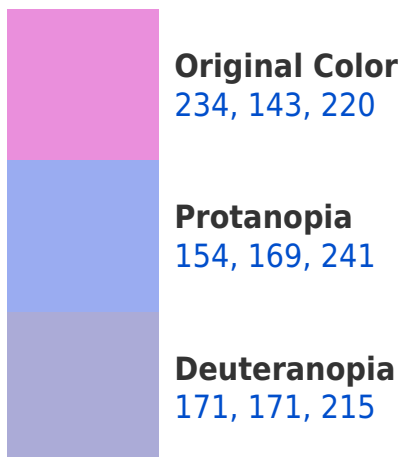


This preview shows how white text looks on a background with the RGB color 234, 143, 220.

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
227, 154, 166

Trichromacy



Original Color

234, 143, 220



Protanomaly

183, 161, 233



Deuteranomaly

194, 161, 217



Tritanomaly

230, 150, 186

Monochromacy



Original Color

234, 143, 220



Achromatopsia

179, 179, 179



Achromatomaly

199, 166, 194

CSS Examples

Text

The CSS property to change the color of the text to RYB 234, 143, 220 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(234, 143, 220)` looks like.

```
.text, #text, p{  
    color:rgb(234, 143, 220)  
}
```

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(234, 143, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 143, 220) }
```

Border

The CSS property to change the border of an element to RYB 234, 143, 220 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(234, 143, 220) }
```

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

```
.border{ border-color:rgb(234, 143, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 143, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 143, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 143, 220);  
box-shadow:4px 4px 4px 4px rgb(234, 143,  
220) }
```

Background

The CSS property to change the background color of an element to RGB 234, 143, 220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 143, 220) }
```

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

```
.background{ background-color: rgb(234,  
143, 220) }
```

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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