

Converting Colors

`RYB(227, 142, 221)`

Have a look what the booklet for RYB(227, 142, 221) contains.

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Color

$\text{RYB}(227, 142, 221)$

Conversions

Conversions Part 1

Format	Color
Hex	E38EDD
RGB	227, 142, 221
RGB Percent	89%, 56%, 87%
CMY	0.1098, 0.4431, 0.1333
CMYK	0.00, 0.37, 0.03, 0.11
HSL	304°, 60%, 72%
HSV	304°, 37%, 89%
XYZ	54.4027, 40.8974, 73.4333
YIQ	176.4210, 25.3010, 42.5890

Conversions

Conversions Part 2

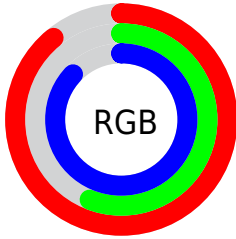
Format	Color
R _{YB}	227, 142, 221
Decimal	14913245
CIE Lab	70.10, 44.00, -26.94
CIE LCh	70, 51.594, 328.529
Yxy	40.8974, 0.3224, 0.2424
Android (android.graphics.Color)	4293103325 (0xFFE38EDD)
YUV	176.4210, 21.9774, 44.3578
Hunter-Lab	63.9510, 39.9344, -23.3154

Details

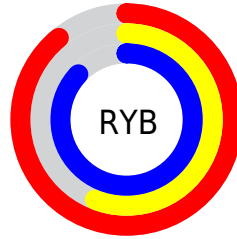
The RYB color **227, 142, 221** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **142, 221, 227**, and the grayscale version is **176, 176, 176**.

A 20% lighter version of the original color is **255, 197, 255**, and **170, 89, 166** is the 20% darker color. If you saturate the color by 10%, you get **227, 119, 219**, and if you desaturate by 10%, it is **227, 165, 223**.

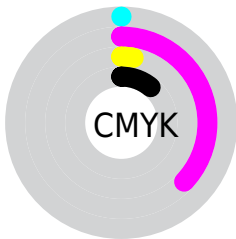
Distribution



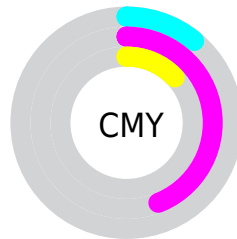
- Red (89%)
- Green (56%)
- Blue (87%)



- Red (89%)
- Yellow (56%)
- Blue (87%)



- Cyan (0%)
- Magenta (37%)
- Yellow (3%)
- Black (11%)




- Cyan (11%)
- Magenta (44%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the RYB color 227, 142, 221 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 227, 142, 221 by changing the saturation by 10% instead.

 227, 142, 221

 227, 142, 221

255, 255, 255

 198, 115, 193

 255, 197, 255

 170, 89, 166

 255, 226, 255

 143, 64, 139

 116, 38, 113

 90, 6, 89

 64, 0, 65

 43, 0, 43

 0, 0, 21

 0, 0, 0

■ 227, 142, 221

■ 227, 142, 221

■ 227, 119, 219

■ 227, 165, 223

■ 227, 97, 218

■ 227, 187, 224

■ 227, 74, 216

■ 227, 210, 226

■ 227, 51, 215

■ 227, 233, 233

■ 227, 29, 213

■ 227, 253, 255

■ 227, 6, 211

■ 227, 252, 255

■ 227, 0, 211

■ 227, 251, 255

■ 227, 249, 255

■ 227, 249, 255

Harmonies

Analogous

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



171, 160, 254



227, 142, 221



255, 132, 176

Triad

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



227, 142, 221



119, 201, 74



0, 102, 215

Complementary

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



227, 142, 221



142, 221, 227

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, 195



227, 142, 221



86, 182, 114

Square

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



227, 142, 221



237, 191, 92



94, 170, 191



0, 108, 250

Rectangle

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



227, 142, 221



255, 133, 144



94, 170, 191



0, 99, 200

Sweetspot

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



227, 142, 221



255, 227, 253



148, 142, 227



128, 111, 126



0, 0, 0



128, 128, 128

Same Dimension

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



227, 142, 221



255, 140, 247



227, 142, 179



115, 103, 114



179, 0, 166



51, 0, 47

Inverse Universe

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



227, 142, 221



255, 140, 247



142, 196, 227



115, 103, 114



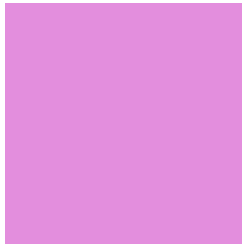
179, 0, 166



51, 0, 47

Previews

White Background



This preview shows how the RYB color 227, 142, 221 looks on a white background.

Color Contrast Check

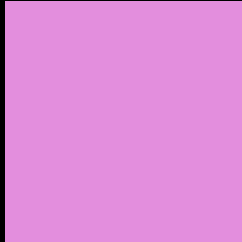
Large Text (above 18pt) WCAG AA × Fail

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 227, 142, 221 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 227, 142, 221 Background



This preview shows how black text looks on a background with the RYB color 227, 142, 221.

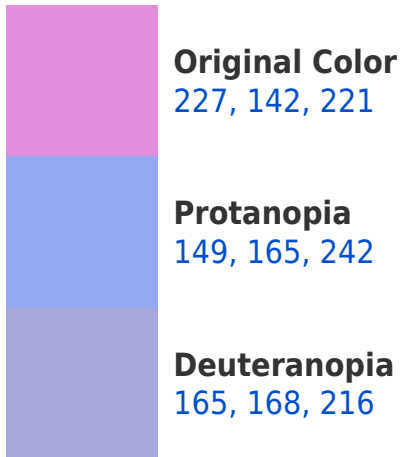



This preview shows how white text looks on a background with the RYB color 227, 142, 221.

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
220, 153, 165

Trichromacy



Original Color

227, 142, 221



Protanomaly

177, 159, 234



Deuteranomaly

188, 159, 218



Tritanomaly

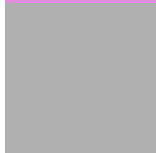
223, 149, 185

Monochromacy



Original Color

227, 142, 221



Achromatopsia

176, 176, 176



Achromatomaly

195, 164, 192

CSS Examples

Text

The CSS property to change the color of the text to RYB 227, 142, 221 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(227, 142, 221) looks like.

```
.text, #text, p{  
    color:rgb(227, 142, 221)  
}
```

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(227, 142, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 142, 221) }
```

Border

The CSS property to change the border of an element to RYB 227, 142, 221 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(227, 142, 221) }
```

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

```
.border{ border-color:rgb(227, 142, 221) }
```

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

Here you see how a box with a 4 pixel rgb(227, 142, 221) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 142, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 142, 221);  
box-shadow:4px 4px 4px 4px rgb(227, 142,  
221) }
```

Background

The CSS property to change the background color of an element to RYB 227, 142, 221 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 142, 221) }
```

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

```
.background{ background-color: rgb(227,  
142, 221) }
```

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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