

Converting Colors

`RYB(232, 129, 232)`

Have a look what the booklet for
RYB(232, 129, 232) contains.

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Color

RYB(232, 129, 232)

Conversions

Conversions Part 1

Format	Color
Hex	E881E8
RGB	232, 129, 232
RGB Percent	91%, 51%, 91%
CMY	0.0902, 0.4941, 0.0902
CMYK	0.00, 0.44, 0.00, 0.09
HSL	300°, 69%, 71%
HSV	300°, 44%, 91%
XYZ	55.6945, 38.6825, 80.8750
YIQ	171.5390, 28.3250, 53.8690

Conversions

Conversions Part 2

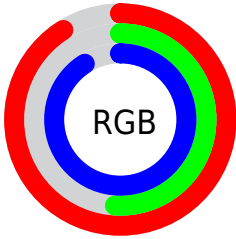
Format	Color
R _Y B	232, 129, 232
Decimal	15237608
CIE _{Lab}	68.52, 54.09, -35.40
CIE _{LCh}	69, 64.644, 326.796
Yxy	38.6825, 0.3178, 0.2207
Android (android.graphics.Color)	4293427688 (0xFFE881E8)
YUV	171.5390, 29.8073, 53.0243
Hunter-Lab	62.1953, 51.0010, -33.5605

Details

The RYB color **232, 129, 232** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **129, 232, 232**, and the grayscale version is **171, 171, 171**.

A 20% lighter version of the original color is **255, 184, 255**, and **174, 75, 176** is the 20% darker color. If you saturate the color by 10%, you get **232, 106, 232**, and if you desaturate by 10%, it is **232, 152, 232**.

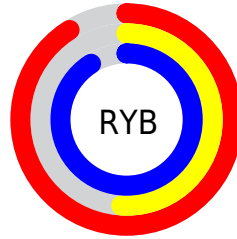
Distribution



Red (91%)

Green (51%)

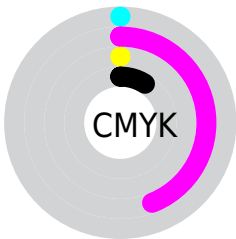
Blue (91%)



Red (91%)

Yellow (51%)

Blue (91%)

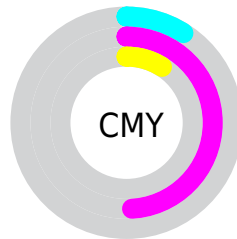


Cyan (0%)

Magenta (44%)

Yellow (0%)

Black (9%)



Cyan (9%)

Magenta (49%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the RYB color 232, 129, 232 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 232, 129, 232 by changing the saturation by 10% instead.

 232, 129, 232

 232, 129, 232

255, 255, 255

 203, 102, 204

 255, 184, 255

 174, 75, 176

 255, 213, 255

 146, 48, 149

 255, 242, 255

 119, 14, 123

 92, 0, 98

 66, 0, 73


 43, 0, 50


 0, 0, 28

 0, 0, 0

 232, 129, 232

 232, 129, 232


 232, 106, 232

 232, 152, 232

 232, 83, 232

 232, 175, 232

 232, 59, 232

 232, 199, 232

 232, 36, 232

 232, 222, 232

 232, 13, 232

 232, 245, 245

 232, 0, 232

 232, 255, 255

Harmonies

Analogous

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



157, 154, 255



232, 129, 232



255, 112, 176

Triad

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



232, 129, 232



93, 203, 38



0, 103, 218

Complementary

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



232, 129, 232



129, 232, 232

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, 107, 195



232, 129, 232



53, 179, 86

Square

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



232, 129, 232



247, 184, 69



63, 161, 190



0, 109, 255

Rectangle

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



232, 129, 232



255, 114, 137



63, 161, 190



0, 98, 199

Sweetspot

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



232, 129, 232



255, 222, 255



129, 129, 232



128, 107, 128



0, 0, 0



128, 128, 128

Same Dimension

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



232, 129, 232



255, 120, 255



232, 129, 180



115, 103, 115



179, 0, 179



51, 0, 51

Inverse Universe

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



232, 129, 232



255, 120, 255



129, 198, 232



115, 103, 115



179, 0, 179



51, 0, 51

Previews

White Background



This preview shows how the RYB color 232, 129, 232 looks on a white background.

Color Contrast Check

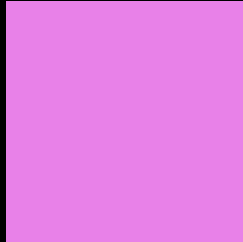
Large Text (above 18pt) WCAG AA × Fail

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 232, 129, 232 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 232, 129, 232 Background



This preview shows how black text looks on a background with the RYB color 232, 129, 232.

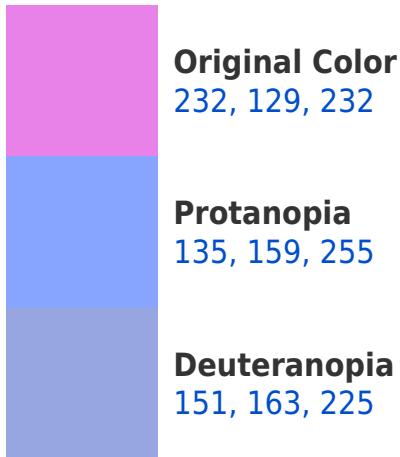


This preview shows how white text looks on a background with the RYB color 232, 129, 232.

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
223, 146, 157

Trichromacy



Original Color

232, 129, 232



Protanomaly

170, 152, 247



Deuteranomaly

180, 152, 228



Tritanomaly

226, 140, 184

Monochromacy



Original Color

232, 129, 232



Achromatopsia

172, 172, 172



Achromatomaly

194, 156, 194

CSS Examples

Text

The CSS property to change the color of the text to RYB 232, 129, 232 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(232, 129, 232) looks like.

```
.text, #text, p{  
    color:rgb(232, 129, 232)  
}
```

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(232, 129, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 129, 232) }
```

Border

The CSS property to change the border of an element to RYB 232, 129, 232 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(232, 129, 232) }
```

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

```
.border{ border-color:rgb(232, 129, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 129, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 129, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 129, 232);  
box-shadow:4px 4px 4px 4px rgb(232, 129,  
232) }
```

Background

The CSS property to change the background color of an element to RYB 232, 129, 232 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 129, 232) }
```

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

```
.background{ background-color: rgb(232,  
129, 232) }
```

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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