

Converting Colors

`RYB(224, 159, 237)`

Have a look what the booklet for RYB(224, 159, 237) contains.

RYB(224, 159, 237)	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(224, 159, 237)

Conversions

Conversions Part 1

Format	Color
Hex	E09FED
RGB	224, 159, 237
RGB Percent	88%, 62%, 93%
CMY	0.1216, 0.3765, 0.0706
CMYK	0.05, 0.33, 0.00, 0.07
HSL	290°, 68%, 78%
HSV	290°, 33%, 93%
XYZ	58.4247, 46.7580, 86.0666
YIQ	187.3270, 13.7020, 38.0380

Conversions

Conversions Part 2

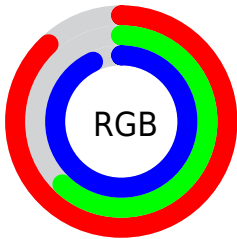
Format	Color
R_{YB}	224, 159, 237
Decimal	14721005
CIE _{Lab}	74.03, 37.05, -29.69
CIE _{LCh}	74, 47.478, 321.294
Yxy	46.7580, 0.3055, 0.2445
Android (android.graphics.Color)	4292911085 (0xFFE09FED)
YUV	187.3270, 24.4888, 32.1622
Hunter-Lab	68.3798, 32.8482, -26.7598

Details

The RYB color **224, 159, 237** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **159, 237, 224**, and the grayscale version is **187, 187, 187**.

A 20% lighter version of the original color is **255, 214, 255**, and **168, 106, 181** is the 20% darker color. If you saturate the color by 10%, you get **220, 135, 237**, and if you desaturate by 10%, it is **228, 183, 237**.

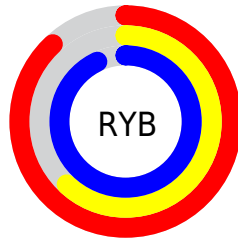
Distribution



Red (88%)

Green (62%)

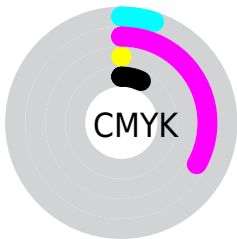
Blue (93%)



Red (88%)

Yellow (62%)

Blue (93%)

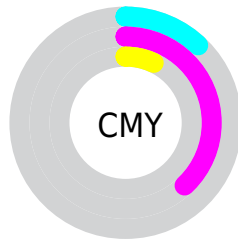


Cyan (5%)

Magenta (33%)

Yellow (0%)

Black (7%)



Cyan (12%)


Magenta (38%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the RYB color 224, 159, 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 224, 159, 237 by changing the saturation by 10% instead.

 224, 159, 237

 224, 159, 237


255, 255, 255


 196, 132, 209

 255, 214, 255

 168, 106, 181

 255, 243, 255

 141, 81, 154

 114, 57, 128

 88, 32, 102

 63, 5, 78

 40, 0, 55

 6, 0, 33

 0, 0, 5

■ 224, 159, 237

■ 224, 159, 237

■ 220, 135, 237

■ 228, 183, 237

■ 216, 112, 237

■ 232, 206, 237

■ 212, 88, 237

■ 236, 230, 237

■ 208, 64, 237

■ 237, 254, 251

■ 204, 40, 237

■ 237, 255, 248

■ 200, 17, 237

■ 237, 255, 244

■ 198, 0, 237

■ 237, 255, 240

■ 237, 255, 237

Harmonies

Analogous

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



166, 174, 255



224, 159, 237



255, 148, 197

Triad

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



224, 159, 237



165, 220, 95



0, 104, 212

Complementary

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



224, 159, 237



159, 237, 224

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.



56, 141, 204



224, 159, 237



98, 189, 109

Square

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



224, 159, 237



251, 182, 115



126, 199, 198



0, 111, 249

Rectangle

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



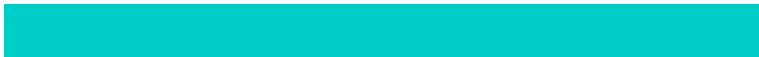
224, 159, 237



255, 147, 167



126, 199, 198



0, 104, 205

Sweetspot

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



224, 159, 237



251, 230, 255



159, 170, 237



125, 112, 128



0, 0, 0



128, 128, 128

Same Dimension

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



224, 159, 237



238, 156, 255



237, 159, 211



115, 106, 117



151, 0, 181



45, 0, 54

Inverse Universe

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



237, 159, 172



255, 156, 172



159, 218, 237



117, 106, 108



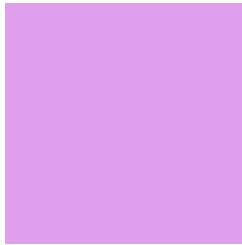
181, 0, 30



54, 0, 9

Previews

White Background



This preview shows how the RYB color 224, 159, 237 looks on a white background.

Color Contrast Check

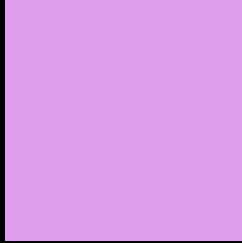
Large Text (above 18pt) WCAG AA × Fail

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 224, 159, 237 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

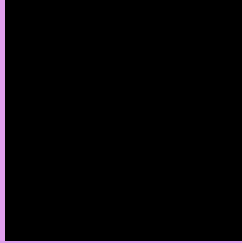
Any Text WCAG AA ✓ Pass

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](#).

RYB 224, 159, 237 Background



This preview shows how black text looks on a background with the RYB color 224, 159, 237.

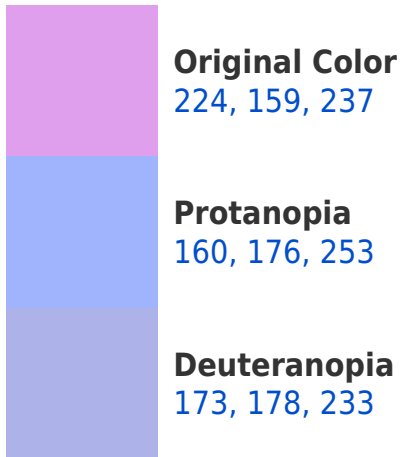



This preview shows how white text looks on a background with the RYB color 224, 159, 237.

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, 170, 183

Trichromacy



Original Color

224, 159, 237



Protanomaly

183, 172, 247



Deuteranomaly

192, 172, 234



Tritanomaly

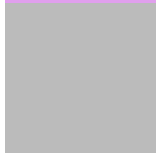
219, 166, 203

Monochromacy



Original Color

224, 159, 237



Achromatopsia

187, 187, 187



Achromatomaly

200, 177, 205

CSS Examples

Text

The CSS property to change the color of the text to RYB 224, 159, 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(224, 159, 237) looks like.

```
.text, #text, p{  
    color:rgb(224, 159, 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(224, 159, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 159, 237) }
```

Border

The CSS property to change the border of an element to RYB 224, 159, 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(224, 159, 237) }
```

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

```
.border{ border-color:rgb(224, 159, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 159, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 159, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 159, 237);  
box-shadow:4px 4px 4px 4px rgb(224, 159,  
237) }
```

Background

The CSS property to change the background color of an element to RGB 224, 159, 237 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 159, 237) }
```

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

```
.background{ background-color: rgb(224,  
159, 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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