

Converting Colors

`RYB(249, 159, 246)`

Have a look what the booklet for
RYB(249, 159, 246) contains.

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Color

R_YB(249, 159, 246)

Conversions

Conversions Part 1

Format	Color
Hex	F99FF6
RGB	249, 159, 246
RGB Percent	98%, 62%, 96%
CMY	0.0235, 0.3765, 0.0353
CMYK	0.00, 0.36, 0.01, 0.02
HSL	302°, 88%, 80%
HSV	302°, 36%, 98%
XYZ	68.0996, 51.5898, 93.5574
YIQ	195.8280, 25.7130, 46.1370

Conversions

Conversions Part 2

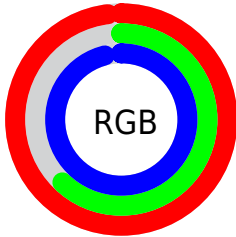
Format	Color
R _Y B	249, 159, 246
Decimal	16359414
CIE _{Lab}	77.03, 46.40, -29.73
CIE _{LCh}	77, 55.107, 327.347
Y _{xy}	51.5898, 0.3193, 0.2419
Android (android.graphics.Color)	4294549494 (0xFFFF99FF6)
YUV	195.8280, 24.7348, 46.6318
Hunter-Lab	71.8261, 43.5435, -26.9502

Details

The RYB color **249, 159, 246** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **159, 246, 249**, and the grayscale version is **196, 196, 196**.

A 20% lighter version of the original color is **255, 215, 255**, and **191, 105, 189** is the 20% darker color. If you saturate the color by 10%, you get **249, 134, 245**, and if you desaturate by 10%, it is **249, 184, 247**.

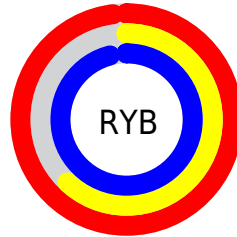
Distribution



Red (98%)

Green (62%)

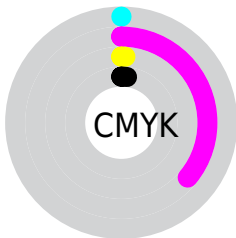
Blue (96%)



Red (98%)

Yellow (62%)

Blue (96%)

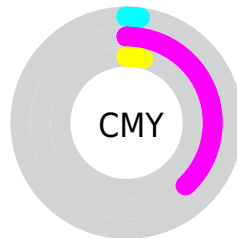


Cyan (0%)

Magenta (36%)

Yellow (1%)

Black (2%)



Cyan (2%)

Magenta (38%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the RYB color 249, 159, 246 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 249, 159, 246 by changing the saturation by 10% instead.

 249, 159, 246

255, 255, 255

 255, 215, 255

 255, 244, 255

 249, 159, 246

 220, 132, 217

 191, 105, 189

 163, 79, 162


 136, 53, 136

 109, 26, 110

 83, 0, 85

 57, 0, 62

 35, 0, 40

 0, 1, 17

 249, 159, 246

 249, 159, 246

 249, 134, 245


 249, 184, 247

 249, 109, 244

 249, 209, 248

 249, 84, 244


 249, 234, 248

 249, 59, 243

 249, 255, 255

 249, 34, 242

 249, 254, 255

 249, 10, 241

 249, 254, 255

 249, 0, 241

 249, 253, 255

 249, 253, 255

Harmonies

Analogous

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



186, 179, 255



249, 159, 246



255, 147, 197

Triad

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



249, 159, 246



137, 224, 85



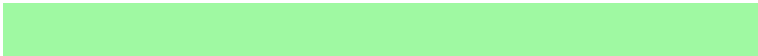
0, 113, 236

Complementary

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



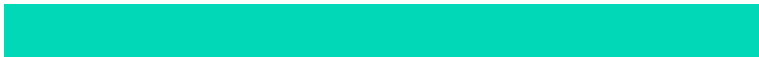
249, 159, 246



159, 246, 249

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, 117, 216



249, 159, 246



96, 201, 124

Square

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



249, 159, 246



255, 211, 105



109, 192, 211



0, 115, 255

Rectangle

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



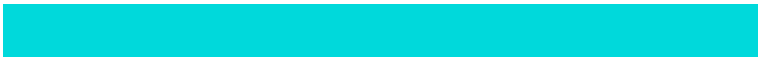
249, 159, 246



255, 148, 162



109, 192, 211



0, 109, 219

Sweetspot

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



249, 159, 246



255, 227, 254



162, 159, 249



128, 111, 127



0, 0, 0



128, 128, 128

Same Dimension

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



249, 159, 246



255, 145, 251



249, 159, 201



125, 112, 125



189, 0, 182



61, 0, 59

Inverse Universe

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



249, 159, 246



255, 145, 251



159, 218, 249



125, 112, 125



189, 0, 182



61, 0, 59

Previews

White Background



This preview shows how the RYB color 249, 159, 246 looks on a white background.

Color Contrast Check

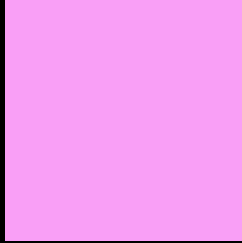
Large Text (above 18pt) WCAG AA × Fail

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 249, 159, 246 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 249, 159, 246 Background



This preview shows how black text looks on a background with the RYB color 249, 159, 246.

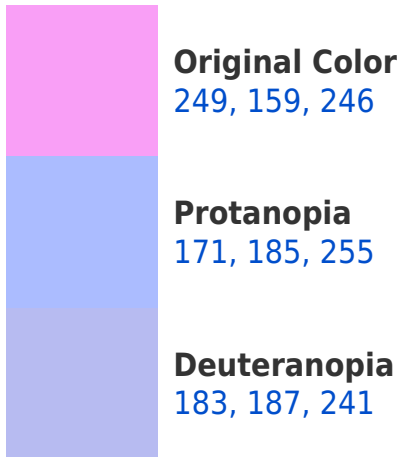


This preview shows how white text looks on a background with the RYB color 249, 159, 246.

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
241, 172, 185

Trichromacy



Original Color

249, 159, 246



Protanomaly

199, 177, 252



Deuteranomaly

207, 177, 243



Tritanomaly

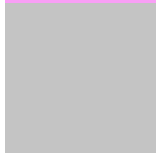
244, 167, 207

Monochromacy



Original Color

249, 159, 246



Achromatopsia

196, 196, 196



Achromatomaly

215, 183, 214

CSS Examples

Text

The CSS property to change the color of the text to RYB 249, 159, 246 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(249, 159, 246) looks like.

```
.text, #text, p{  
    color:rgb(249, 159, 246)  
}
```

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(249, 159, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 159, 246) }
```

Border

The CSS property to change the border of an element to RYB 249, 159, 246 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(249, 159, 246) }
```

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

```
.border{ border-color:rgb(249, 159, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 159, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 159, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 159, 246);  
box-shadow:4px 4px 4px 4px rgb(249, 159,  
246) }
```

Background

The CSS property to change the background color of an element to RYB 249, 159, 246 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 159, 246) }
```

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

```
.background{ background-color: rgb(249,  
159, 246) }
```

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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