

Converting Colors

`RYB(241, 159, 236)`

Have a look what the booklet for
RYB(241, 159, 236) contains.

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Color

`RYB(241, 159, 236)`

Conversions

Conversions Part 1

Format	Color
Hex	F19FEC
RGB	241, 159, 236
RGB Percent	95%, 62%, 93%
CMY	0.0549, 0.3765, 0.0745
CMYK	0.00, 0.34, 0.02, 0.05
HSL	304°, 75%, 78%
HSV	304°, 34%, 95%
XYZ	63.8141, 49.5532, 85.5582
YIQ	192.2960, 24.1550, 41.3310

Conversions

Conversions Part 2

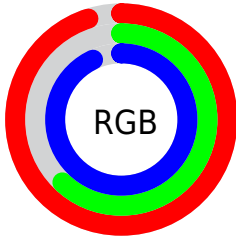
Format	Color
R_{YB}	241, 159, 236
Decimal	15835116
CIE _{Lab}	75.79, 42.16, -26.29
CIE _{LCh}	76, 49.682, 328.050
Yxy	49.5532, 0.3208, 0.2491
Android (android.graphics.Color)	4294025196 (0xFFFF19FEC)
YUV	192.2960, 21.5461, 42.7134
Hunter-Lab	70.3940, 38.6256, -22.7864

Details

The RYB color **241, 159, 236** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **159, 236, 241**, and the grayscale version is **192, 192, 192**.

A 20% lighter version of the original color is **255, 215, 255**, and **184, 106, 180** is the 20% darker color. If you saturate the color by 10%, you get **241, 135, 235**, and if you desaturate by 10%, it is **241, 183, 237**.

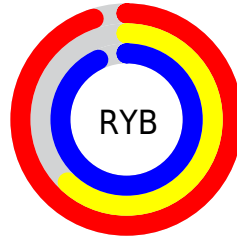
Distribution



Red (95%)

Green (62%)

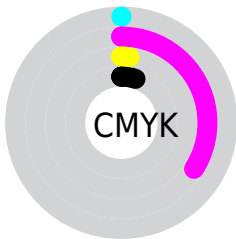
Blue (93%)



Red (95%)

Yellow (62%)

Blue (93%)

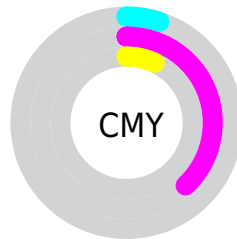


Cyan (0%)

Magenta (34%)

Yellow (2%)

Black (5%)



Cyan (5%)

Magenta (38%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the RYB color 241, 159, 236 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 241, 159, 236 by changing the saturation by 10% instead.


 241, 159, 236

 241, 159, 236


255, 255, 255

 212, 132, 208

 255, 215, 255

 184, 106, 180

 255, 244, 255

 156, 80, 153

 129, 55, 127


 103, 29, 102


 77, 0, 77


 52, 0, 54


 29, 0, 33


 0, 0, 4

 241, 159, 236


 241, 159, 236

 241, 135, 235


 241, 183, 237

 241, 111, 233


 241, 207, 239

 241, 87, 232


 241, 231, 240

 241, 63, 230

 241, 254, 255

 241, 39, 229

 241, 253, 255

 241, 14, 227

 241, 252, 255

 241, 0, 226

 241, 251, 255

 241, 250, 255

 241, 250, 255

Harmonies

Analogous

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



186, 176, 255



241, 159, 236



255, 149, 192

Triad

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



241, 159, 236



140, 217, 93



0, 109, 228

Complementary

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



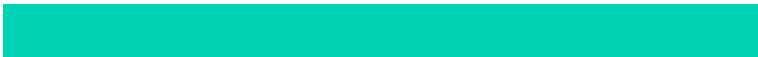
241, 159, 236



159, 236, 241

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, 113, 210



241, 159, 236



103, 197, 129

Square

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



241, 159, 236



253, 205, 110



115, 188, 206



0, 113, 255

Rectangle

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



241, 159, 236



255, 150, 161



115, 188, 206



0, 106, 214

Sweetspot

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



241, 159, 236



255, 230, 253



163, 159, 241



128, 112, 127



0, 0, 0



128, 128, 128

Same Dimension

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



241, 159, 236



255, 150, 249



241, 159, 196



120, 108, 119



184, 0, 172



56, 0, 53

Inverse Universe

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



241, 159, 236



255, 150, 249



159, 212, 241



120, 108, 119



184, 0, 172



56, 0, 53

Previews

White Background



This preview shows how the RYB color 241, 159, 236 looks on a white background.

Color Contrast Check

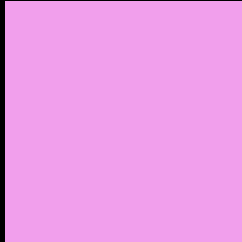
Large Text (above 18pt) WCAG AA × Fail

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 241, 159, 236 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

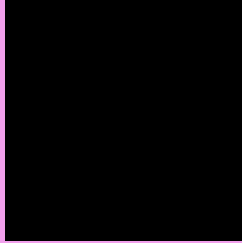
Any Text WCAG AA ✓ Pass

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](#).

R Y B 241, 159, 236 Background



This preview shows how black text looks on a background with the R Y B color 241, 159, 236.



This preview shows how white text looks on a background with the R Y B color 241, 159, 236.

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
234, 170, 183

Trichromacy



Original Color

241, 159, 236



Protanomaly

194, 176, 248



Deuteranomaly

204, 174, 233



Tritanomaly

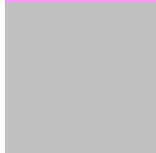
237, 166, 202

Monochromacy



Original Color

241, 159, 236



Achromatopsia

192, 192, 192



Achromatomaly

210, 180, 208

CSS Examples

Text

The CSS property to change the color of the text to RYB 241, 159, 236 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(241, 159, 236) looks like.

```
.text, #text, p{  
    color:rgb(241, 159, 236)  
}
```

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(241, 159, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 159, 236) }
```

Border

The CSS property to change the border of an element to RYB 241, 159, 236 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(241, 159, 236) }
```

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

```
.border{ border-color:rgb(241, 159, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 159, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 159, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 159, 236);  
box-shadow:4px 4px 4px 4px rgb(241, 159,  
236) }
```

Background

The CSS property to change the background color of an element to RYB 241, 159, 236 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 159, 236) }
```

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

```
.background{ background-color: rgb(241,  
159, 236) }
```

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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