

Converting Colors

`RYB(252, 149, 255)`

Have a look what the booklet for
RYB(252, 149, 255) contains.

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Color

R_YB(252, 149, 255)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FC95FF |
| RGB | 252, 149, 255 |
| RGB Percent | 99%, 58%, 100% |
| CMY | 0.0118, 0.4157, 0.0000 |
| CMYK | 0.01, 0.42, 0.00, 0.00 |
| HSL | 298°, 100%, 79% |
| HSV | 298°, 42%, 100% |
| XYZ | 68.9423, 49.4103, 100.5112 |
| YIQ | 191.8810, 27.3620, 54.8020 |

Conversions

Conversions Part 2

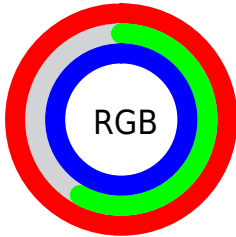
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 252, 149, 255 |
| Decimal | 16553471 |
| CIE Lab | 75.71, 53.96, -36.62 |
| CIE LCh | 76, 65.218, 325.837 |
| Yxy | 49.4103, 0.3150, 0.2258 |
| Android (android.graphics.Color) | 4294743551 (0xFFFC95FF) |
| YUV | 191.8810, 31.1177, 52.7244 |
| Hunter-Lab | 70.2925, 52.0596, -35.5740 |

Details

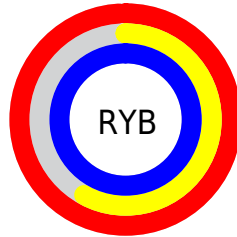
The RYB color **252, 149, 255** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **149, 255, 252**, and the grayscale version is **192, 192, 192**.

A 20% lighter version of the original color is **255, 205, 255**, and **194, 95, 198** is the 20% darker color. If you saturate the color by 10%, you get **251, 124, 255**, and if you desaturate by 10%, it is **253, 175, 255**.

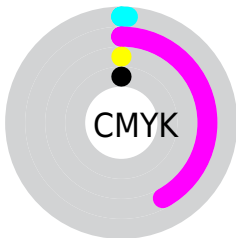
Distribution



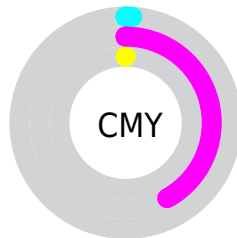
- Red (99%)
- Green (58%)
- Blue (100%)



- Red (99%)
- Yellow (58%)
- Blue (100%)



- Cyan (1%)
- Magenta (42%)
- Yellow (0%)
- Black (0%)




- Cyan (1%)
- Magenta (42%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the RYB color 252, 149, 255 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 252, 149, 255 by changing the saturation by 10% instead.

 252, 149, 255

 252, 149, 255

255, 255, 255

 222, 122, 226

 255, 205, 255

 194, 95, 198

 255, 234, 255

 165, 68, 170

 137, 40, 144


 110, 1, 118

 84, 0, 92


 58, 0, 68


 34, 0, 46


 0, 1, 24

 252, 149, 255


 252, 149, 255

 251, 124, 255

 253, 175, 255

 251, 98, 255


 253, 200, 255

 250, 73, 255

 254, 226, 255

 249, 47, 255

 255, 251, 255

 248, 22, 255

255, 255, 255

 248, 0, 255

Harmonies

Analogous

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



174, 174, 255



252, 149, 255



255, 132, 198

Triad

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



252, 149, 255



119, 226, 58



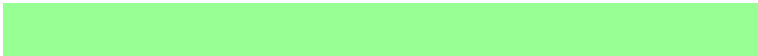
0, 113, 237

Complementary

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



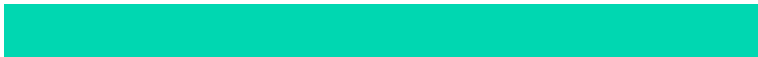
252, 149, 255



149, 255, 252

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, 118, 215



252, 149, 255



70, 199, 101

Square

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



252, 149, 255



255, 210, 87



88, 187, 210



0, 115, 255

Rectangle

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



252, 149, 255



255, 133, 157



88, 187, 210



0, 108, 218

Sweetspot

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



252, 149, 255



254, 224, 255



149, 153, 255



127, 110, 128



0, 0, 0



128, 128, 128

Same Dimension

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



252, 149, 255



251, 128, 255



255, 149, 206



127, 115, 128



186, 0, 191



62, 0, 64

Inverse Universe

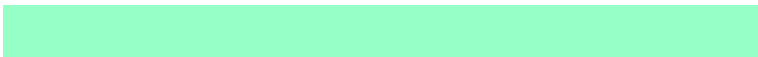
The Inverse Universe completely reimagines the original color for something new.



255, 149, 152



255, 128, 131



149, 221, 255



128, 115, 115



191, 0, 5



64, 0, 2

Previews

White Background



This preview shows how the RYB color 252, 149, 255 looks on a white background.

Color Contrast Check

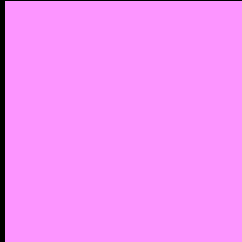
Large Text (above 18pt) WCAG AA × Fail

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 252, 149, 255 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

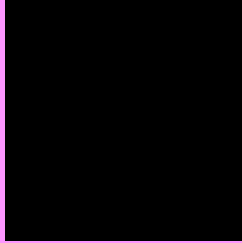
Any Text WCAG AA ✓ Pass

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 252, 149, 255 Background



This preview shows how black text looks on a background with the RYB color 252, 149, 255.



This preview shows how white text looks on a background with the RYB color 252, 149, 255.

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



Original Color
252, 149, 255

Protanopia
165, 181, 255

Deuteranopia
171, 182, 249



Tritanopia
242, 166, 178

Trichromacy



Original Color

252, 149, 255



Protanomaly

197, 172, 255



Deuteranomaly

200, 171, 251

Tritanomaly

246, 160, 206

Monochromacy



Original Color

252, 149, 255



Achromatopsia

192, 192, 192



Achromatomaly

214, 176, 215

CSS Examples

Text

The CSS property to change the color of the text to RYB 252, 149, 255 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(252, 149, 255)` looks like.

```
.text, #text, p{  
  color:rgb(252, 149, 255)  
}
```

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(252, 149, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 149, 255) }
```

Border

The CSS property to change the border of an element to RYB 252, 149, 255 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(252, 149, 255) }
```

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

```
.border{ border-color:rgb(252, 149, 255) }
```

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

Here you see how a box with a 4 pixel rgb(252, 149, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 149, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 149, 255);  
box-shadow:4px 4px 4px 4px rgb(252, 149,  
255) }
```

Background

The CSS property to change the background color of an element to RYB 252, 149, 255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 149, 255) }
```

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

```
.background{ background-color: rgb(252,  
149, 255) }
```

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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