

Converting Colors

`RYB(254, 49, 254)`

Have a look what the booklet for
RYB(254, 49, 254) contains.

RYB(254, 49, 254)	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(254, 49, 254)

Conversions

Conversions Part 1

Format	Color
Hex	FE31FE
RGB	254, 49, 254
RGB Percent	100%, 19%, 100%
CMY	0.0039, 0.8078, 0.0039
CMYK	0.00, 0.81, 0.00, 0.00
HSL	300°, 99%, 59%
HSV	300°, 81%, 100%
XYZ	59.8608, 30.4232, 96.4832
YIQ	133.6650, 56.3750, 107.2150

Conversions

Conversions Part 2

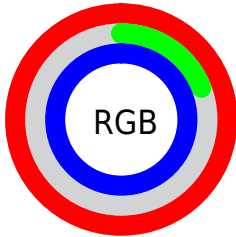
Format	Color
R _Y B	254, 49, 254
Decimal	16658942
CIE Lab	62.02, 92.30, -57.59
CIE LCh	62, 108.794, 328.040
Yxy	30.4232, 0.3205, 0.1629
Android (android.graphics.Color)	4294849022 (0xFFFE31FE)
YUV	133.6650, 59.3252, 105.5338
Hunter-Lab	55.1572, 97.1964, -65.1023

Details

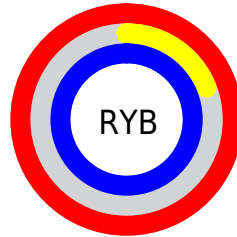
The RYB color **254, 49, 254** is a light color, and the websafe version is hex **FF33FF**. The color can be described as light washed magenta. A complement of this color would be **49, 254, 254**, and the grayscale version is **133, 133, 133**.

A 20% lighter version of the original color is **255, 121, 255**, and **193, 0, 196** is the 20% darker color. If you saturate the color by 10%, you get **254, 24, 254**, and if you desaturate by 10%, it is **254, 74, 254**.

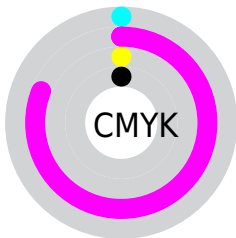
Distribution



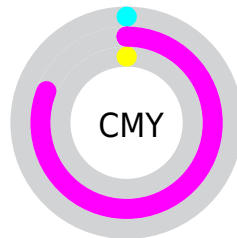
- Red (100%)
- Green (19%)
- Blue (100%)



- Red (100%)
- Yellow (19%)
- Blue (100%)



- Cyan (0%)
- Magenta (81%)
- Yellow (0%)
- Black (0%)




















- Cyan (0%)
- Magenta (81%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the RYB color 254, 49, 254 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 254, 49, 254 by changing the saturation by 10% instead.

 254, 49, 254	 254, 49, 254
 255, 255, 255	 223, 0, 225
 255, 121, 255	 193, 0, 196
 255, 153, 255	 162, 0, 169
 255, 184, 255	 133, 0, 142
 255, 214, 255	 103, 0, 115
 255, 245, 255	 75, 0, 90
	 44, 0, 65
	 3, 0, 42
	 0, 1, 20


 254, 49, 254


 254, 49, 254


 254, 24, 254


 254, 74, 254

 254, 0, 254

 254, 100, 254

 254, 125, 254

 254, 151, 254

 254, 176, 254

 254, 201, 254

 254, 227, 254

 254, 252, 254

254, 255, 255

Harmonies

Analogous

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



102, 123, 255



254, 49, 254



255, 0, 161

Triad

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



254, 49, 254



56, 188, 0



0, 105, 239

Complementary

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



254, 49, 254



49, 254, 254

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, 187



254, 49, 254



0, 170, 81

Square

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



254, 49, 254



255, 159, 0



0, 160, 182



0, 107, 255

Rectangle

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



254, 49, 254



255, 0, 98



0, 160, 182



0, 99, 208

Sweetspot

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



254, 49, 254



255, 194, 255



49, 49, 254



128, 91, 128



0, 0, 0



128, 128, 128

Same Dimension

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



254, 49, 254



255, 8, 255



254, 49, 152



128, 115, 128



191, 0, 191



64, 0, 64

Inverse Universe

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



254, 49, 254



255, 8, 255



49, 185, 254



128, 115, 128



191, 0, 191



64, 0, 64

Previews

White Background



This preview shows how the RYB color 254, 49, 254 looks on a white background.

Color Contrast Check

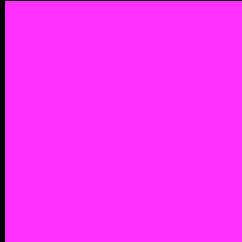
Large Text (above 18pt) WCAG AA × Fail

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 254, 49, 254 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_YB 254, 49, 254 Background



This preview shows how black text looks on a background with the R_YB color 254, 49, 254.

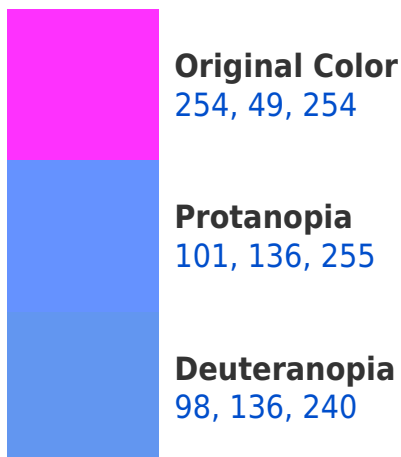



This preview shows how white text looks on a background with the R_YB color 254, 49, 254.

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
239, 107, 115

Trichromacy



Original Color

254, 49, 254



Protanomaly

157, 111, 255



Deuteranomaly

155, 113, 245



Tritanomaly

244, 86, 166

Monochromacy



Original Color

254, 49, 254



Achromatopsia

134, 134, 134



Achromatomaly

178, 103, 178

CSS Examples

Text

The CSS property to change the color of the text to RYB 254, 49, 254 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(254, 49, 254) looks like.

```
.text, #text, p{  
    color:rgb(254, 49, 254)  
}
```

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(254, 49, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 49, 254) }
```

Border

The CSS property to change the border of an element to RYB 254, 49, 254 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(254, 49, 254) }
```

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

```
.border{ border-color:rgb(254, 49, 254) }
```

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

Here you see how a box with a 4 pixel rgb(254, 49, 254) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 49, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 49, 254);  
box-shadow:4px 4px 4px 4px rgb(254, 49,  
254) }
```

Background

The CSS property to change the background color of an element to RGB 254, 49, 254 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 49, 254) }
```

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

```
.background{ background-color: rgb(254, 49,  
254) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor