

Converting Colors

`RYB(149, 54, 181)`

Have a look what the booklet for
RYB(149, 54, 181) contains.

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Color

R_YB(149, 54, 181)

Conversions

Conversions Part 1

Format	Color
Hex	9536B5
RGB	149, 54, 181
RGB Percent	58%, 21%, 71%
CMY	0.4157, 0.7882, 0.2902
CMYK	0.18, 0.70, 0.00, 0.29
HSL	285°, 54%, 46%
HSV	285°, 70%, 71%
XYZ	22.0541, 12.3641, 44.9402
YIQ	96.8830, 15.8530, 59.6370

Conversions

Conversions Part 2

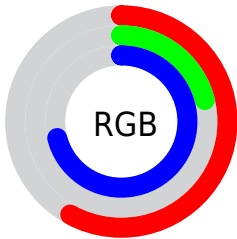
Format	Color
R_{YB}	149, 54, 181
Decimal	9778869
CIE _{Lab}	41.79, 58.16, -49.27
CIE _{LCh}	42, 76.223, 319.727
Yxy	12.3641, 0.2779, 0.1558
Android (android.graphics.Color)	4287968949 (0xFF9536B5)
YUV	96.8830, 41.4697, 45.7066
Hunter-Lab	35.1626, 50.4211, -51.1628

Details

The RYB color **149, 54, 181** is a dark color, and the websafe version is hex **9933CC**. A complement of this color would be **54, 181, 149**, and the grayscale version is **96, 96, 96**.

A 20% lighter version of the original color is **206, 109, 238**, and **94, 0, 127** is the 20% darker color. If you saturate the color by 10%, you get **144, 36, 181**, and if you desaturate by 10%, it is **154, 72, 181**.

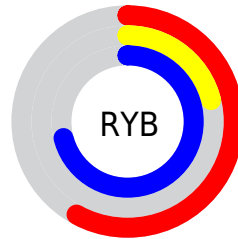
Distribution



Red (58%)

Green (21%)

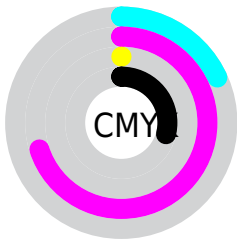
Blue (71%)



Red (58%)

Yellow (21%)

Blue (71%)

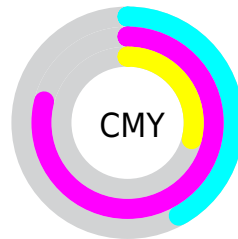


Cyan (18%)

Magenta (70%)

Yellow (0%)

Black (29%)



Cyan (42%)


Magenta (79%)

Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the RYB color 149, 54, 181 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 149, 54, 181 by changing the saturation by 10% instead.

 149, 54, 181

 149, 54, 181

255, 255, 255

 121, 22, 154

 206, 109, 238

 94, 0, 127

 236, 136, 255

 67, 0, 102

 255, 164, 255

 42, 0, 77

 255, 192, 255

 4, 0, 53

 255, 221, 255

 0, 2, 31

 255, 250, 255

 0, 0, 2

 0, 0, 0

 149, 54, 181

 149, 54, 181

■ 144, 36, 181

■ 154, 72, 181

■ 140, 18, 181

■ 158, 90, 181

■ 135, 0, 181

■ 163, 108, 181

■ 167, 126, 181

■ 172, 145, 181

■ 176, 163, 181

■ 181, 181, 181

■ 181, 199, 195

■ 181, 217, 208

Harmonies

Analogous

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



0, 65, 219



149, 54, 181



196, 0, 123

Triad

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



149, 54, 181



81, 139, 0



0, 66, 140

Complementary

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



149, 54, 181



54, 181, 149

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, 77, 123



149, 54, 181



0, 108, 26

Square

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



149, 54, 181



181, 77, 0



0, 118, 118



0, 75, 195

Rectangle

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



149, 54, 181



204, 0, 81



0, 118, 118



0, 64, 124

Sweetspot

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



149, 54, 181



222, 185, 235



54, 81, 181



110, 88, 117



245, 245, 245



117, 117, 117

Same Dimension

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



149, 54, 181



185, 38, 235



181, 54, 151



87, 80, 89



114, 0, 153



19, 0, 26

Inverse Universe

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



181, 54, 86



235, 38, 87



54, 157, 181



89, 80, 83



153, 0, 39



26, 0, 6

Previews

White Background



This preview shows how the RYB color 149, 54, 181 looks on a white 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 × Fail

Black Background



This preview shows how the RYB color 149, 54, 181 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

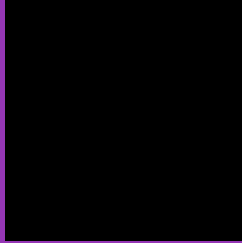
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYB 149, 54, 181 Background



This preview shows how black text looks on a background with the RYB color 149, 54, 181.

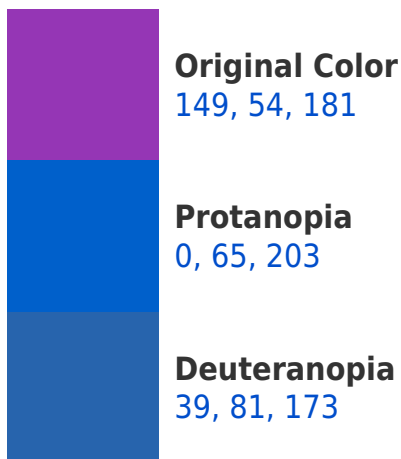


This preview shows how white text looks on a background with the RYB color 149, 54, 181.

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
136, 84, 91

Trichromacy



Original Color

149, 54, 181



Protanomaly

54, 77, 195



Deuteranomaly

79, 83, 176



Tritanomaly

141, 73, 124

Monochromacy



Original Color

149, 54, 181



Achromatopsia

97, 97, 97



Achromatomaly

116, 81, 128

CSS Examples

Text

The CSS property to change the color of the text to RYB 149, 54, 181 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(149, 54, 181)` looks like.

```
.text, #text, p{  
    color:rgb(149, 54, 181)  
}
```

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(149, 54, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 54, 181) }
```

Border

The CSS property to change the border of an element to RYB 149, 54, 181 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(149, 54, 181) }
```

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

```
.border{ border-color:rgb(149, 54, 181) }
```

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

Here you see how a box with a 4 pixel rgb(149, 54, 181) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 54, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 54, 181);  
box-shadow:4px 4px 4px 4px rgb(149, 54,  
181) }
```

Background

The CSS property to change the background color of an element to RYB 149, 54, 181 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 54, 181) }
```

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

```
.background{ background-color: rgb(149, 54,  
181) }
```

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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