

Converting Colors

RGB(144, 49, 131)

Have a look what the booklet for
RGB(144, 49, 131) contains.

RGB(144, 49, 131)	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

RGB(144, 49, 131)

Conversions

Conversions Part 1

Format	Color
Hex	903183
RGB	144, 49, 131
RGB Percent	56%, 19%, 51%
CMY	0.4353, 0.8078, 0.4863
CMYK	0.00, 0.66, 0.09, 0.44
HSL	308°, 49%, 38%
HSV	308°, 66%, 56%
XYZ	16.6966, 9.7646, 22.4775
YIQ	86.7530, 30.2980, 45.6420

Conversions

Conversions Part 2

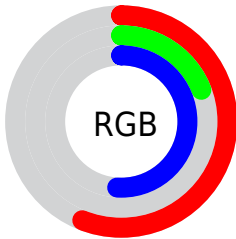
Format	Color
R_YB	144, 49, 131
Decimal	9449859
CIE _{Lab}	37.42, 49.78, -26.10
CIE _{LCh}	37, 56.212, 332.329
Yxy	9.7646, 0.3412, 0.1995
Android (android.graphics.Color)	4287639939 (0xFF903183)
YUV	86.7530, 21.8138, 50.2056
Hunter-Lab	31.2484, 40.6915, -20.7744

Details

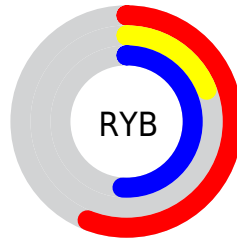
The RGB color **144, 49, 131** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **49, 144, 62**, and the grayscale version is **87, 87, 87**.

A 20% lighter version of the original color is **200, 102, 184**, and **90, 0, 81** is the 20% darker color. If you saturate the color by 10%, you get **144, 35, 129**, and if you desaturate by 10%, it is **144, 63, 133**.

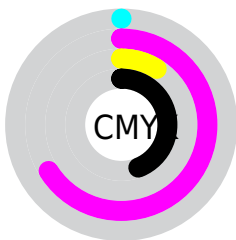
Distribution



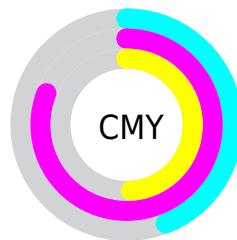
- Red (56%)
- Green (19%)
- Blue (51%)



- Red (56%)
- Yellow (19%)
- Blue (51%)



- Cyan (0%)
- Magenta (66%)
- Yellow (9%)
- Black (44%)



- Cyan (44%)
- Magenta (81%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the RGB color 144, 49, 131 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 RGB color 144, 49, 131 by changing the saturation by 10% instead.



144, 49, 131



144, 49, 131

255, 255, 255



117, 18, 106



200, 102, 184



90, 0, 81



229, 129, 212



64, 0, 58



255, 156, 241



41, 0, 36



255, 184, 255



0, 0, 11



255, 213, 255



0, 0, 0



255, 242, 255



144, 49, 131



144, 49, 131



144, 35, 129



144, 63, 133

■ 144, 20, 127

■ 144, 78, 135

■ 144, 6, 125

■ 144, 92, 137

■ 144, 0, 124

■ 144, 107, 139

■ 144, 121, 141

■ 144, 135, 143

■ 144, 150, 145

■ 144, 164, 147

■ 144, 179, 149

Harmonies

Analogous

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



89, 74, 166



144, 49, 131



166, 32, 87

Triad

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



144, 49, 131



104, 87, 0



0, 108, 136

Complementary

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



144, 49, 131



49, 144, 62

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, 108, 90



144, 49, 131



57, 99, 0

Square

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



144, 49, 131



139, 69, 0



0, 105, 43



0, 103, 169

Rectangle

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



144, 49, 131



166, 38, 57



0, 105, 43



0, 108, 121

Sweetspot

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



144, 49, 131



186, 149, 181



62, 49, 144



94, 72, 91



222, 222, 222



94, 94, 94

Same Dimension

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



144, 49, 131



186, 39, 166



144, 49, 84



71, 64, 70



135, 0, 117



8, 0, 7

Inverse Universe

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



144, 49, 131



186, 39, 166



49, 144, 109



71, 64, 70



135, 0, 117



8, 0, 7

Previews

White Background



This preview shows how the RGB color 144, 49, 131 looks on a white background.

Color Contrast Check

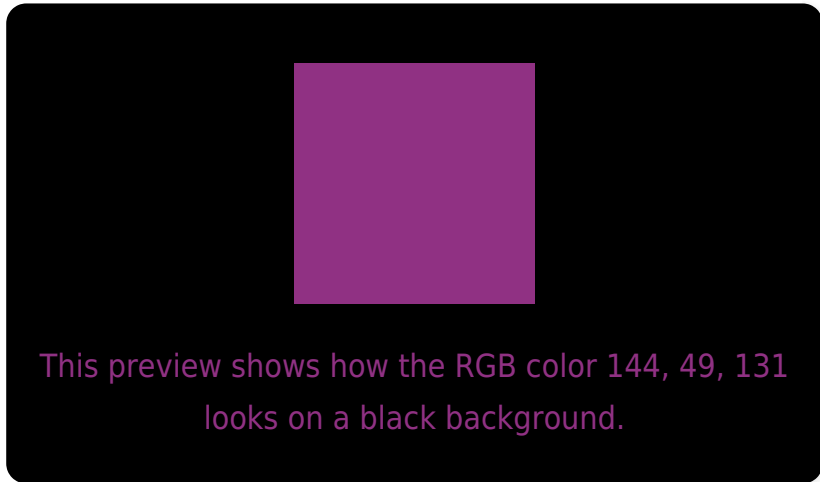
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

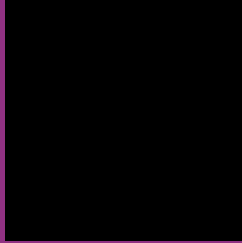
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

RGB 144, 49, 131 Background



This preview shows how black text looks on a background with the RGB color 144, 49, 131.

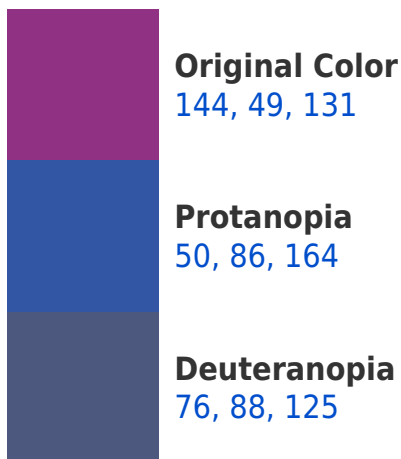


This preview shows how white text looks on a background with the RGB color 144, 49, 131.

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
138, 67, 71

Trichromacy



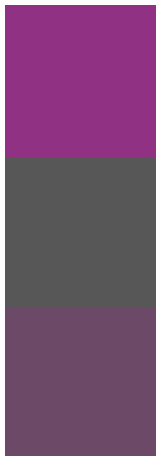
Original Color
144, 49, 131

Protanomaly
84, 73, 152

Deuteranomaly
101, 74, 127

Tritanomaly
140, 60, 93

Monochromacy



Original Color
144, 49, 131

Achromatopsia
87, 87, 87

Achromatomaly
108, 73, 103

CSS Examples

Text

The CSS property to change the color of the text to RGB 144, 49, 131 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(144, 49, 131) looks like.

```
.text, #text, p{  
    color:rgb(144, 49, 131)  
}
```

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(144, 49, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 49, 131) }
```

Border

The CSS property to change the border of an element to RGB 144, 49, 131 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(144, 49, 131) }
```

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

```
.border{ border-color:rgb(144, 49, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 49, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 49, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 49, 131);  
box-shadow:4px 4px 4px 4px rgb(144, 49,  
131) }
```

Background

The CSS property to change the background color of an element to RGB 144, 49, 131 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 49, 131) }
```

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

```
.background{ background-color: rgb(144, 49,  
131) }
```

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