

Converting Colors

RGB(154, 31, 133)

Have a look what the booklet for
RGB(154, 31, 133) contains.

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Color

RGB(154, 31, 133)

Conversions

Conversions Part 1

Format	Color
Hex	9A1F85
RGB	154, 31, 133
RGB Percent	60%, 12%, 52%
CMY	0.3961, 0.8784, 0.4784
CMYK	0.00, 0.80, 0.14, 0.40
HSL	310°, 66%, 36%
HSV	310°, 80%, 60%
XYZ	18.0501, 9.5435, 23.0810
YIQ	79.4050, 40.5660, 57.7980

Conversions

Conversions Part 2

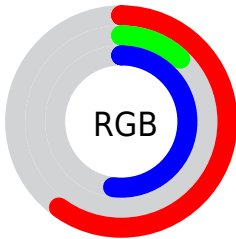
Format	Color
R_{YB}	154, 31, 133
Decimal	10100613
CIE _{Lab}	37.01, 58.91, -27.85
CIE _{LCh}	37, 65.159, 334.692
Yxy	9.5435, 0.3562, 0.1883
Android (android.graphics.Color)	4288290693 (0xFF9A1F85)
YUV	79.4050, 26.4223, 65.4198
Hunter-Lab	30.8925, 50.2333, -22.6732

Details

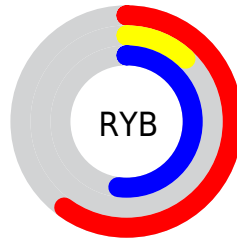
The RGB color **154, 31, 133** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **31, 154, 52**, and the grayscale version is **79, 79, 79**.

A 20% lighter version of the original color is **212, 91, 186**, and **99, 0, 83** is the 20% darker color. If you saturate the color by 10%, you get **154, 16, 130**, and if you desaturate by 10%, it is **154, 46, 136**.

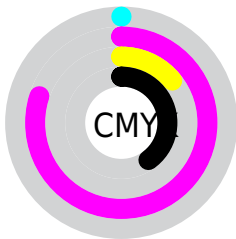
Distribution



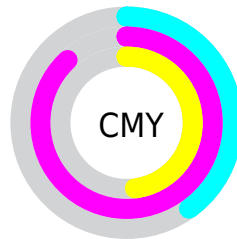
- Red (60%)
- Green (12%)
- Blue (52%)



- Red (60%)
- Yellow (12%)
- Blue (52%)



- Cyan (0%)
- Magenta (80%)
- Yellow (14%)
- Black (40%)



- Cyan (40%)
- Magenta (88%)
- Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the RGB color 154, 31, 133 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 154, 31, 133 by changing the saturation by 10% instead.

 154, 31, 133


 154, 31, 133

255, 255, 255

 126, 0, 107

 212, 91, 186

 99, 0, 83


 241, 118, 214

 72, 0, 59

 255, 146, 243

 47, 0, 37

 255, 174, 255

 1, 0, 13


 255, 203, 255

 0, 0, 0

 255, 232, 255

 154, 31, 133

 154, 31, 133

 154, 16, 130

 154, 46, 136

154, 0, 128

154, 62, 138

154, 0, 128

154, 77, 141

154, 93, 144

154, 108, 146

154, 123, 149

154, 139, 151

154, 154, 154

154, 170, 157

Harmonies

Analogous

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



92, 68, 175



154, 31, 133



176, 0, 81

Triad

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



154, 31, 133



100, 88, 0



0, 109, 146

Complementary

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



154, 31, 133



31, 154, 52

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, 109, 94



154, 31, 133



41, 100, 0

Square

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



154, 31, 133



141, 66, 0



0, 106, 38



0, 104, 183

Rectangle

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



154, 31, 133



174, 16, 47



0, 106, 38



0, 109, 130

Sweetspot

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



154, 31, 133



201, 153, 193



51, 31, 154



102, 72, 97



230, 230, 230



102, 102, 102

Same Dimension

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



154, 31, 133



201, 8, 168



154, 31, 72



77, 69, 75



140, 0, 116



13, 0, 11

Inverse Universe

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



154, 31, 133



201, 8, 168



31, 154, 113



77, 69, 75



140, 0, 116



13, 0, 11

Previews

White Background



This preview shows how the RGB color 154, 31, 133 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



This preview shows how the RGB color 154, 31, 133 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

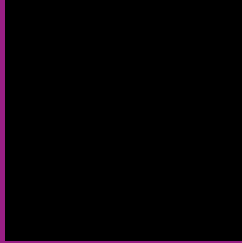
Any Text WCAG AA × Fail

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 154, 31, 133 Background



This preview shows how black text looks on a background with the RGB color 154, 31, 133.

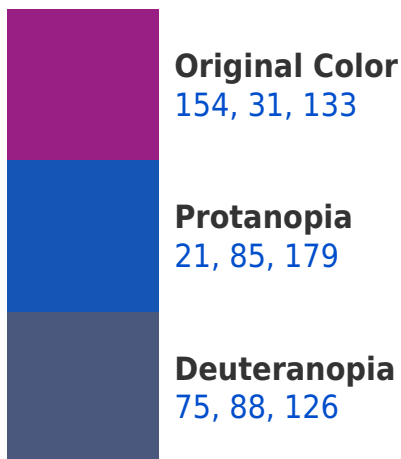


This preview shows how white text looks on a background with the RGB color 154, 31, 133.

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

147, 58, 62

Trichromacy



Original Color

154, 31, 133



Protanomaly

69, 65, 162



Deuteranomaly

104, 67, 129



Tritanomaly

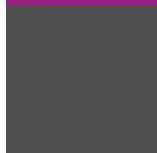
150, 48, 88

Monochromacy



Original Color

154, 31, 133



Achromatopsia

79, 79, 79



Achromatomaly

106, 62, 99

CSS Examples

Text

The CSS property to change the color of the text to RGB 154, 31, 133 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(154, 31, 133)` looks like.

```
.text, #text, p{  
    color:rgb(154, 31, 133)  
}
```

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(154, 31, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 31, 133) }
```

Border

The CSS property to change the border of an element to RGB 154, 31, 133 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(154, 31, 133) }
```

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

```
.border{ border-color:rgb(154, 31, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 31, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(154, 31, 133); -webkit-box-shadow:4px 4px 4px 4px rgb(154, 31, 133); box-shadow:4px 4px 4px 4px rgb(154, 31, 133) }
```

Background

The CSS property to change the background color of an element to RGB 154, 31, 133 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 31, 133) }
```

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

```
.background{ background-color: rgb(154, 31,  
133) }
```

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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