

Converting Colors

RGB(131, 74, 148)

Have a look what the booklet for
RGB(131, 74, 148) contains.

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Color

RGB(131, 74, 148)

Conversions

Conversions Part 1

Format	Color
Hex	834A94
RGB	131, 74, 148
RGB Percent	51%, 29%, 58%
CMY	0.4863, 0.7098, 0.4196
CMYK	0.11, 0.50, 0.00, 0.42
HSL	286°, 33%, 44%
HSV	286°, 50%, 58%
XYZ	17.1541, 11.8610, 29.4022
YIQ	99.4790, 10.2180, 35.0980

Conversions

Conversions Part 2

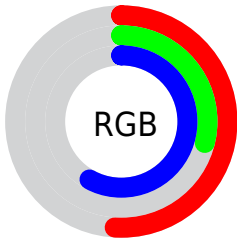
Format	Color
R_{YB}	131, 74, 148
Decimal	8604308
CIE _{Lab}	40.99, 36.90, -31.01
CIE _{LCh}	41, 48.195, 319.958
Yxy	11.8610, 0.2936, 0.2030
Android (android.graphics.Color)	4286794388 (0xFF834A94)
YUV	99.4790, 23.9209, 27.6439
Hunter-Lab	34.4398, 28.6397, -26.5098

Details

The RGB color **131, 74, 148** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **91, 148, 74**, and the grayscale version is **99, 99, 99**.

A 20% lighter version of the original color is **186, 125, 202**, and **79, 25, 97** is the 20% darker color. If you saturate the color by 10%, you get **128, 59, 148**, and if you desaturate by 10%, it is **134, 89, 148**.

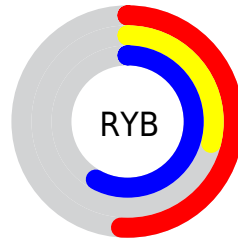
Distribution



Red (51%)

Green (29%)

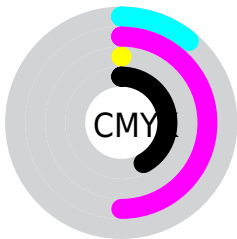
Blue (58%)



Red (51%)

Yellow (29%)

Blue (58%)

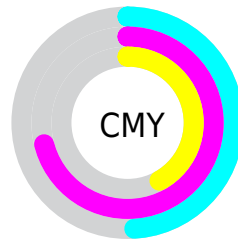


Cyan (11%)

Magenta (50%)

Yellow (0%)

Black (42%)



Cyan (49%)

Magenta (71%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the RGB color 131, 74, 148 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 131, 74, 148 by changing the saturation by 10% instead.



131, 74, 148



131, 74, 148

255, 255, 255



105, 50, 122



186, 125, 202



79, 25, 97



214, 151, 231



55, 0, 73



243, 178, 255



34, 0, 50



255, 206, 255



0, 1, 28



255, 235, 255



0, 0, 0



131, 74, 148



131, 74, 148



128, 59, 148




134, 89, 148




124, 44, 148




138, 104, 148


 121, 30, 148


 141, 118, 148

 117, 15, 148

 145, 133, 148

 114, 0, 148

 148, 148, 148

 151, 163, 148

 155, 178, 148

 158, 192, 148

 162, 207, 148

Harmonies

Analogous

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



70, 92, 171



131, 74, 148



161, 59, 112

Triad

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



131, 74, 148



127, 90, 5



0, 115, 123

Complementary

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



131, 74, 148



91, 148, 74

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, 114, 82



131, 74, 148



91, 103, 8

Square

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



131, 74, 148



154, 74, 36



40, 110, 42



0, 112, 157

Rectangle

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



131, 74, 148



167, 57, 85



40, 110, 42



0, 115, 109

Sweetspot

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



131, 74, 148



185, 163, 191



74, 91, 148



93, 79, 97



224, 224, 224



97, 97, 97

Same Dimension

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



131, 74, 148



165, 77, 191



148, 74, 128



72, 67, 74



106, 0, 138



8, 0, 10

Inverse Universe

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



148, 74, 91



191, 77, 103



74, 148, 94



74, 67, 68



138, 0, 32



10, 0, 2

Previews

White Background



This preview shows how the RGB color 131, 74, 148 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 RGB color 131, 74, 148 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

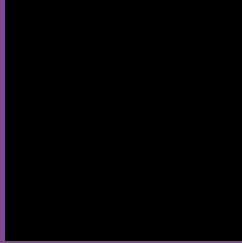
Any Text WCAG AA × Fail

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](#).

RGB 131, 74, 148 Background



This preview shows how black text looks on a background with the RGB color 131, 74, 148.

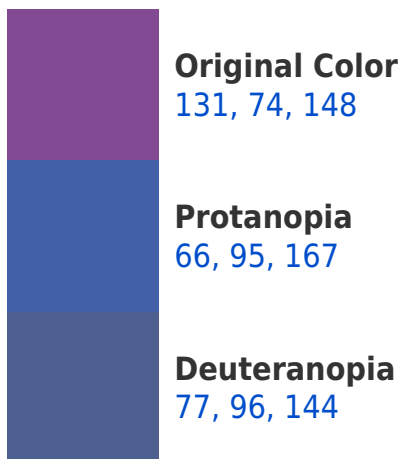


This preview shows how white text looks on a background with the RGB color 131, 74, 148.

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
123, 87, 94

Trichromacy



Original Color

131, 74, 148



Protanomaly

90, 87, 160



Deuteranomaly

97, 88, 145



Tritanomaly

126, 82, 114

Monochromacy



Original Color

131, 74, 148



Achromatopsia

99, 99, 99



Achromatomaly

111, 90, 117

CSS Examples

Text

The CSS property to change the color of the text to RGB 131, 74, 148 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(131, 74, 148)` looks like.

```
.text, #text, p{  
    color:rgb(131, 74, 148)  
}
```

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(131, 74, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 74, 148) }
```

Border

The CSS property to change the border of an element to RGB 131, 74, 148 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(131, 74, 148) }
```

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

```
.border{ border-color:rgb(131, 74, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 74, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 74, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 74, 148);  
box-shadow:4px 4px 4px 4px rgb(131, 74,  
148) }
```

Background

The CSS property to change the background color of an element to RGB 131, 74, 148 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 74, 148) }
```

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

```
.background{ background-color: rgb(131, 74,  
148) }
```

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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