

Converting Colors

RGB(131, 89, 149)

Have a look what the booklet for
RGB(131, 89, 149) contains.

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Color

RGB(131, 89, 149)

Conversions

Conversions Part 1

Format	Color
Hex	835995
RGB	131, 89, 149
RGB Percent	51%, 35%, 58%
CMY	0.4863, 0.6510, 0.4157
CMYK	0.12, 0.40, 0.00, 0.42
HSL	282°, 25%, 47%
HSV	282°, 40%, 58%
XYZ	18.3573, 14.1400, 30.1955
YIQ	108.3980, 5.7720, 27.5640

Conversions

Conversions Part 2

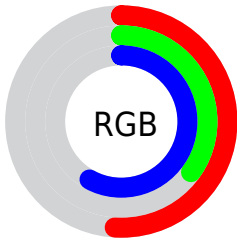
Format	Color
R_{YB}	131, 89, 149
Decimal	8608149
CIE _{Lab}	44.43, 28.53, -26.23
CIE _{LCh}	44, 38.756, 317.408
Yxy	14.1400, 0.2928, 0.2255
Android (android.graphics.Color)	4286798229 (0xFF835995)
YUV	108.3980, 20.0168, 19.8220
Hunter-Lab	37.6032, 21.3353, -21.2879

Details

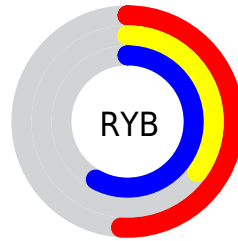
The RGB color **131, 89, 149** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **107, 149, 89**, and the grayscale version is **108, 108, 108**.

A 20% lighter version of the original color is **185, 140, 203**, and **80, 42, 98** is the 20% darker color. If you saturate the color by 10%, you get **127, 74, 149**, and if you desaturate by 10%, it is **135, 104, 149**.

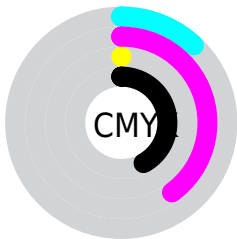
Distribution



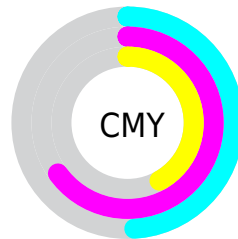
- Red (51%)
- Green (35%)
- Blue (58%)



- Red (51%)
- Yellow (35%)
- Blue (58%)



- Cyan (12%)
- Magenta (40%)
- Yellow (0%)
- Black (42%)



- Cyan (49%)
- Magenta (65%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the RGB color 131, 89, 149 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, 89, 149 by changing the saturation by 10% instead.



131, 89, 149



131, 89, 149

255, 255, 255



105, 65, 123



185, 140, 203



80, 42, 98



213, 166, 232



56, 19, 74



242, 194, 255



34, 0, 51



255, 222, 255



0, 0, 29



255, 251, 255



0, 0, 0



131, 89, 149



131, 89, 149



127, 74, 149



135, 104, 149



122, 59, 149



140, 119, 149

 118, 44, 149

 144, 134, 149

 113, 29, 149


 149, 149, 149

 109, 14, 149

 153, 163, 149

 104, 0, 149

 158, 178, 149

 162, 193, 149

 167, 208, 149

 171, 223, 149

Harmonies

Analogous

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



84, 102, 167



131, 89, 149



158, 79, 120

Triad

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



131, 89, 149



135, 99, 40



0, 121, 123

Complementary

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



131, 89, 149



107, 149, 89

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, 120, 90



131, 89, 149



105, 109, 40

Square

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



131, 89, 149



156, 86, 59



68, 116, 60



0, 119, 152

Rectangle

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



131, 89, 149



165, 77, 98



68, 116, 60



0, 121, 112

Sweetspot

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



131, 89, 149



187, 171, 194



89, 107, 149



93, 83, 97



224, 224, 224



97, 97, 97

Same Dimension

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



131, 89, 149



166, 101, 194



149, 89, 138



72, 67, 74



96, 0, 138



7, 0, 10

Inverse Universe

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



149, 89, 107



194, 101, 129



89, 149, 100



74, 67, 69



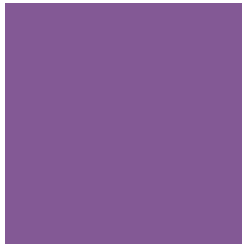
138, 0, 41



10, 0, 3

Previews

White Background



This preview shows how the RGB color 131, 89, 149 looks on a white background.

Color Contrast Check

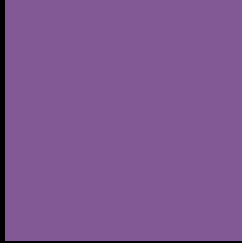
Large Text (above 18pt) WCAG AA ✓ Pass

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, 89, 149 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

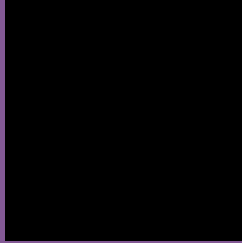
Any Text WCAG AA × Fail

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, 89, 149 Background



This preview shows how black text looks on a background with the RGB color 131, 89, 149.



This preview shows how white text looks on a background with the RGB color 131, 89, 149.

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



Original Color
131, 89, 149

Protanopia
85, 103, 161

Deuteranopia
92, 104, 146



Tritanopia
125, 98, 106

Trichromacy



Original Color
131, 89, 149

Protanomaly
102, 98, 157

Deuteranomaly
106, 99, 147

Tritanomaly
127, 95, 122

Monochromacy



Original Color
131, 89, 149

Achromatopsia
108, 108, 108

Achromatomaly
116, 101, 123

CSS Examples

Text

The CSS property to change the color of the text to RGB 131, 89, 149 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, 89, 149)` looks like.

```
.text, #text, p{  
    color:rgb(131, 89, 149)  
}
```

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, 89, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 89, 149) }
```

Border

The CSS property to change the border of an element to RGB 131, 89, 149 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, 89, 149) }
```

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

```
.border{ border-color:rgb(131, 89, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 89, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 89, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 89, 149);  
box-shadow:4px 4px 4px 4px rgb(131, 89,  
149) }
```

Background

The CSS property to change the background color of an element to RGB 131, 89, 149 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 89, 149) }
```

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

```
.background{ background-color: rgb(131, 89,  
149) }
```

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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