

Converting Colors

RGB(129, 51, 107)

Have a look what the booklet for
RGB(129, 51, 107) contains.

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Color

RGB(129, 51, 107)

Conversions

Conversions Part 1

Format	Color
Hex	81336B
RGB	129, 51, 107
RGB Percent	51%, 20%, 42%
CMY	0.4941, 0.8000, 0.5804
CMYK	0.00, 0.60, 0.17, 0.49
HSL	317°, 43%, 35%
HSV	317°, 60%, 51%
XYZ	12.8909, 8.0963, 14.7932
YIQ	80.7060, 28.5120, 33.9520

Conversions

Conversions Part 2

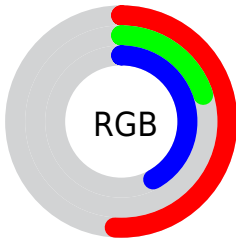
Format	Color
R_{YB}	129, 51, 107
Decimal	8467307
CIE _{Lab}	34.18, 40.59, -16.30
CIE _{LCh}	34, 43.737, 338.126
Yxy	8.0963, 0.3603, 0.2263
Android (android.graphics.Color)	4286657387 (0xFF81336B)
YUV	80.7060, 12.9629, 42.3538
Hunter-Lab	28.4540, 31.0738, -10.9070

Details

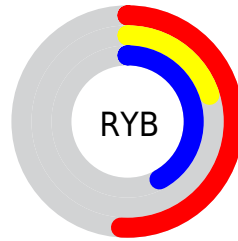
The RGB color **129, 51, 107** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **51, 129, 73**, and the grayscale version is **81, 81, 81**.

A 20% lighter version of the original color is **184, 102, 158**, and **77, 0, 59** is the 20% darker color. If you saturate the color by 10%, you get **129, 38, 103**, and if you desaturate by 10%, it is **129, 64, 111**.

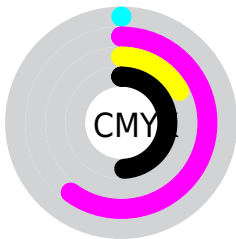
Distribution



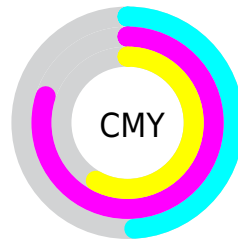
- Red (51%)
- Green (20%)
- Blue (42%)



- Red (51%)
- Yellow (20%)
- Blue (42%)



- Cyan (0%)
- Magenta (60%)
- Yellow (17%)
- Black (49%)



- Cyan (49%)
- Magenta (80%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the RGB color 129, 51, 107 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 129, 51, 107 by changing the saturation by 10% instead.



129, 51, 107



129, 51, 107

255, 255, 255



103, 25, 83



184, 102, 158



77, 0, 59



212, 128, 185



53, 0, 38



241, 155, 213



26, 0, 15



255, 182, 242



0, 0, 0



255, 210, 255



255, 239, 255



129, 51, 107



129, 51, 107



129, 38, 103



129, 64, 111

■ 129, 25, 100

■ 129, 77, 114

■ 129, 12, 96

■ 129, 90, 118

■ 129, 0, 93

■ 129, 103, 122

■ 129, 116, 125

■ 129, 128, 129

■ 129, 141, 132

■ 129, 154, 136

■ 129, 167, 140

Harmonies

Analogous

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



93, 67, 135



129, 51, 107



142, 45, 72

Triad

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



129, 51, 107



88, 82, 0



0, 96, 123

Complementary

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



129, 51, 107



51, 129, 73

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, 96, 89



129, 51, 107



51, 90, 19

Square

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



129, 51, 107



117, 69, 9



0, 95, 53



0, 91, 145

Rectangle

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



129, 51, 107



140, 50, 50



0, 95, 53



0, 96, 112

Sweetspot

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



129, 51, 107



168, 138, 160



72, 51, 129



84, 66, 79



212, 212, 212



84, 84, 84

Same Dimension

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



129, 51, 107



168, 45, 134



129, 51, 69



64, 57, 62



128, 0, 92



0, 0, 0

Inverse Universe

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



129, 51, 107



168, 45, 134



51, 129, 111



64, 57, 62



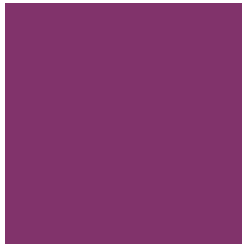
128, 0, 92



0, 0, 0

Previews

White Background



This preview shows how the RGB color 129, 51, 107 looks on a white background.

Color Contrast Check

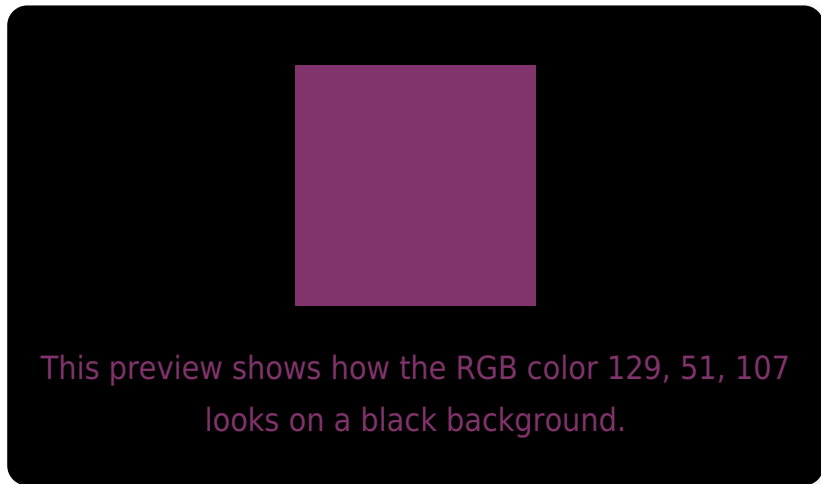
Large Text (above 18pt) WCAG AA ✓ Pass

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

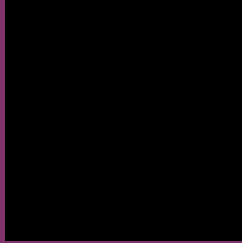
Any Text WCAG AA × Fail

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 129, 51, 107 Background



This preview shows how black text looks on a background with the RGB color 129, 51, 107.

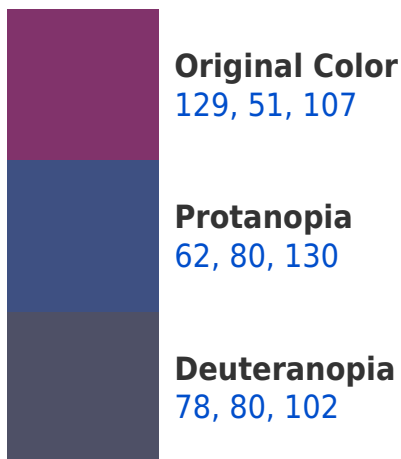


This preview shows how white text looks on a background with the RGB color 129, 51, 107.

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
125, 61, 66

Trichromacy



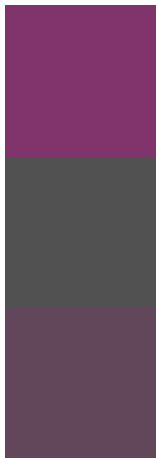
Original Color
129, 51, 107

Protanomaly
86, 69, 122

Deuteranomaly
97, 69, 104

Tritanomaly
126, 57, 81

Monochromacy



Original Color
129, 51, 107

Achromatopsia
81, 81, 81

Achromatomaly
98, 70, 90

CSS Examples

Text

The CSS property to change the color of the text to RGB 129, 51, 107 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(129, 51, 107)` looks like.

```
.text, #text, p{  
    color:rgb(129, 51, 107)  
}
```

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(129, 51, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 51, 107) }
```

Border

The CSS property to change the border of an element to RGB 129, 51, 107 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(129, 51, 107) }
```

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

```
.border{ border-color:rgb(129, 51, 107) }
```

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

Here you see how a box with a 4 pixel rgb(129, 51, 107) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 51, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 51, 107);  
box-shadow:4px 4px 4px 4px rgb(129, 51,  
107) }
```

Background

The CSS property to change the background color of an element to RGB 129, 51, 107 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 51, 107) }
```

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

```
.background{ background-color: rgb(129, 51,  
107) }
```

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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