

Converting Colors

RGB(129, 30, 154)

Have a look what the booklet for
RGB(129, 30, 154) contains.

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Color

RGB(129, 30, 154)

Conversions

Conversions Part 1

Format	Color
Hex	811E9A
RGB	129, 30, 154
RGB Percent	51%, 12%, 60%
CMY	0.4941, 0.8824, 0.3961
CMYK	0.16, 0.81, 0.00, 0.40
HSL	288°, 67%, 36%
HSV	288°, 81%, 60%
XYZ	15.3503, 7.9288, 31.2932
YIQ	73.7370, 19.2000, 59.5520

Conversions

Conversions Part 2

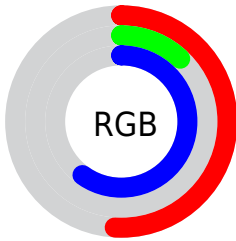
Format	Color
R_{YB}	129, 30, 154
Decimal	8461978
CIE _{Lab}	33.83, 57.49, -46.06
CIE _{LCh}	34, 73.666, 321.294
Yxy	7.9288, 0.2813, 0.1453
Android (android.graphics.Color)	4286652058 (0xFF811E9A)
YUV	73.7370, 39.5697, 48.4657
Hunter-Lab	28.1581, 48.0320, -46.1807

Details

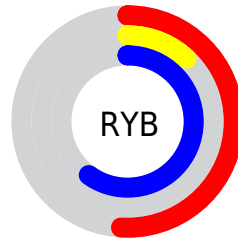
The RGB color **129, 30, 154** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **55, 154, 30**, and the grayscale version is **73, 73, 73**.

A 20% lighter version of the original color is **185, 87, 209**, and **75, 0, 102** is the 20% darker color. If you saturate the color by 10%, you get **126, 15, 154**, and if you desaturate by 10%, it is **132, 45, 154**.

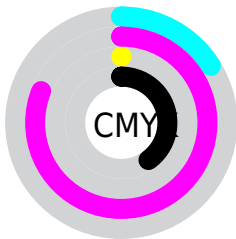
Distribution



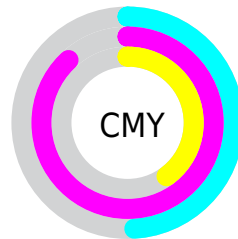
- Red (51%)
- Green (12%)
- Blue (60%)



- Red (51%)
- Yellow (12%)
- Blue (60%)



- Cyan (16%)
- Magenta (81%)
- Yellow (0%)
- Black (40%)




- Cyan (49%)
- Magenta (88%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the RGB color 129, 30, 154 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, 30, 154 by changing the saturation by 10% instead.

 129, 30, 154

255, 255, 255

 185, 87, 209

 214, 114, 238

 244, 142, 255

 255, 169, 255

 255, 198, 255


 255, 227, 255

 129, 30, 154

 102, 0, 128

 75, 0, 102

 49, 0, 77


 21, 0, 54

 0, 2, 31

 0, 0, 2

 0, 0, 0

 129, 30, 154

 126, 15, 154

 129, 30, 154

 132, 45, 154

123, 0, 154

135, 61, 154

138, 76, 154

141, 92, 154

145, 107, 154

148, 122, 154

151, 138, 154

154, 153, 154

157, 169, 154

Harmonies

Analogous

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



0, 73, 191



129, 30, 154



170, 0, 99

Triad

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



129, 30, 154



112, 71, 0



0, 102, 121

Complementary

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



129, 30, 154



55, 154, 30

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, 101, 60



129, 30, 154



58, 89, 0

Square

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



129, 30, 154



152, 36, 0



0, 97, 0



0, 101, 172

Rectangle

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



129, 30, 154



176, 0, 61



0, 97, 0



0, 102, 101

Sweetspot

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



129, 30, 154



192, 153, 201



30, 57, 154



96, 72, 102



230, 230, 230



102, 102, 102

Same Dimension

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



129, 30, 154



162, 6, 201



154, 30, 119



75, 69, 77



112, 0, 140



10, 0, 13

Inverse Universe

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



154, 30, 55



201, 6, 45



30, 154, 65



77, 69, 70



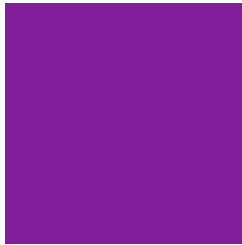
140, 0, 28



13, 0, 3

Previews

White Background



This preview shows how the RGB color 129, 30, 154 looks on a white background.

Color Contrast Check

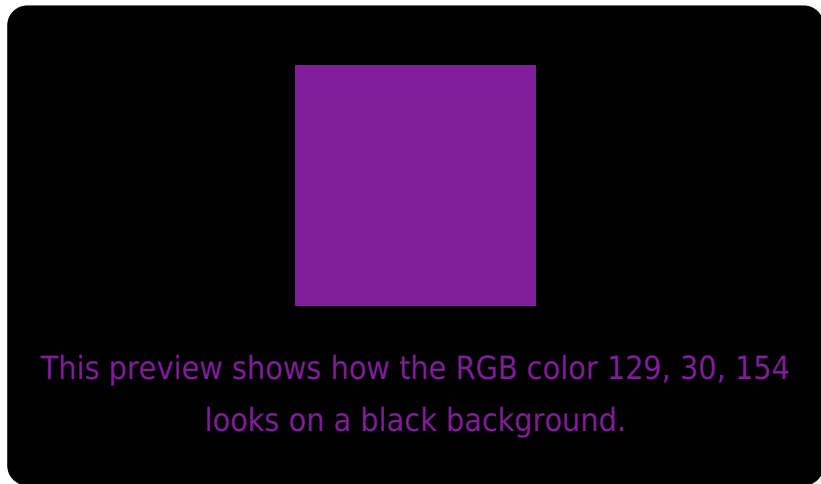
Large Text (above 18pt) WCAG AA ✓ Pass

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

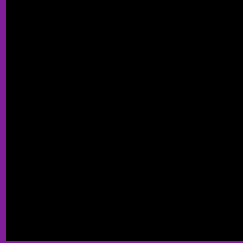
Any Text WCAG AA × Fail

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, 30, 154 Background



This preview shows how black text looks on a background with the RGB color 129, 30, 154.

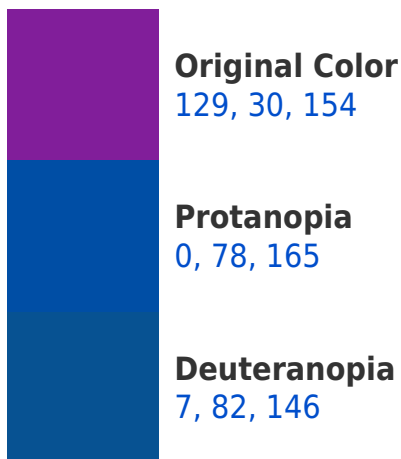


This preview shows how white text looks on a background with the RGB color 129, 30, 154.

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
117, 65, 70

Trichromacy



Original Color

129, 30, 154



Protanomaly

47, 61, 161



Deuteranomaly

51, 63, 149



Tritanomaly

121, 52, 101

Monochromacy



Original Color

129, 30, 154



Achromatopsia

74, 74, 74



Achromatomaly

94, 58, 103

CSS Examples

Text

The CSS property to change the color of the text to RGB 129, 30, 154 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, 30, 154)` looks like.

```
.text, #text, p{  
    color:rgb(129, 30, 154)  
}
```

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, 30, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 30, 154) }
```

Border

The CSS property to change the border of an element to RGB 129, 30, 154 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, 30, 154) }
```

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

```
.border{ border-color:rgb(129, 30, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 30, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 30, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 30, 154);  
box-shadow:4px 4px 4px 4px rgb(129, 30,  
154) }
```

Background

The CSS property to change the background color of an element to RGB 129, 30, 154 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 30, 154) }
```

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

```
.background{ background-color: rgb(129, 30,  
154) }
```

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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