

Converting Colors

RGB(129, 38, 156)

Have a look what the booklet for
RGB(129, 38, 156) contains.

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Color

RGB(129, 38, 156)

Conversions

Conversions Part 1

Format	Color
Hex	81269C
RGB	129, 38, 156
RGB Percent	51%, 15%, 61%
CMY	0.4941, 0.8510, 0.3882
CMYK	0.17, 0.76, 0.00, 0.39
HSL	286°, 61%, 38%
HSV	286°, 76%, 61%
XYZ	15.7471, 8.4537, 32.2542
YIQ	78.6610, 16.3580, 55.9900

Conversions

Conversions Part 2

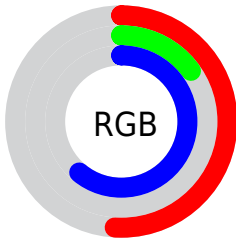
Format	Color
R_{YB}	129, 38, 156
Decimal	8464028
CIE _{Lab}	34.91, 55.17, -45.55
CIE _{LCh}	35, 71.545, 320.460
Yxy	8.4537, 0.2789, 0.1497
Android (android.graphics.Color)	4286654108 (0xFF81269C)
YUV	78.6610, 38.1281, 44.1473
Hunter-Lab	29.0752, 45.7941, -45.4201

Details

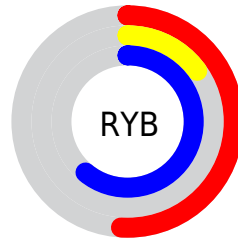
The RGB color **129, 38, 156** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **65, 156, 38**, and the grayscale version is **78, 78, 78**.

A 20% lighter version of the original color is **185, 93, 211**, and **75, 0, 104** is the 20% darker color. If you saturate the color by 10%, you get **125, 22, 156**, and if you desaturate by 10%, it is **133, 54, 156**.

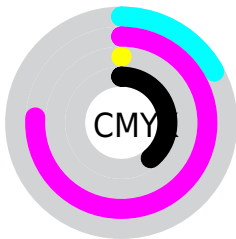
Distribution



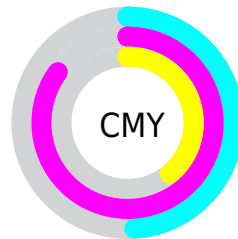
- Red (51%)
- Green (15%)
- Blue (61%)



- Red (51%)
- Yellow (15%)
- Blue (61%)



- Cyan (17%)
- Magenta (76%)
- Yellow (0%)
- Black (39%)



- Cyan (49%)
- Magenta (85%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the RGB color 129, 38, 156 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, 38, 156 by changing the saturation by 10% instead.

 129, 38, 156

255, 255, 255

 185, 93, 211

 214, 120, 240

 243, 147, 255

 255, 175, 255

 255, 203, 255

 255, 232, 255

 129, 38, 156

 102, 0, 129

 75, 0, 104

 49, 0, 79


 22, 0, 55

 0, 2, 33

 0, 0, 6

 0, 0, 0

 129, 38, 156

 125, 22, 156

 129, 38, 156

 133, 54, 156

■ 122, 7, 156

■ 136, 69, 156

■ 120, 0, 156

■ 140, 85, 156

■ 143, 100, 156

■ 147, 116, 156

■ 150, 132, 156

■ 154, 147, 156

■ 158, 163, 156

■ 161, 178, 156

Harmonies

Analogous

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



0, 76, 191



129, 38, 156



170, 0, 103

Triad

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



129, 38, 156



116, 73, 0



0, 105, 121

Complementary

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



129, 38, 156



65, 156, 38

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, 103, 61



129, 38, 156



64, 91, 0

Square

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



129, 38, 156



155, 40, 0



0, 100, 0



0, 103, 171

Rectangle

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



129, 38, 156



177, 0, 65



0, 100, 0



0, 105, 101

Sweetspot

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



129, 38, 156



193, 157, 204



38, 66, 156



95, 73, 102



230, 230, 230



102, 102, 102

Same Dimension

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



129, 38, 156



162, 18, 204



156, 38, 125



77, 71, 79



110, 0, 143



12, 0, 15

Inverse Universe

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



156, 38, 65



204, 18, 61



38, 156, 69



79, 71, 73



143, 0, 33



15, 0, 4

Previews

White Background



This preview shows how the RGB color 129, 38, 156 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 129, 38, 156 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

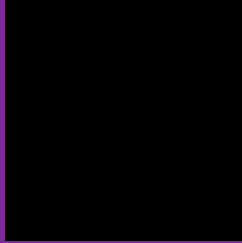
Any Text WCAG AA × Fail

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 129, 38, 156 Background



This preview shows how black text looks on a background with the RGB color 129, 38, 156.

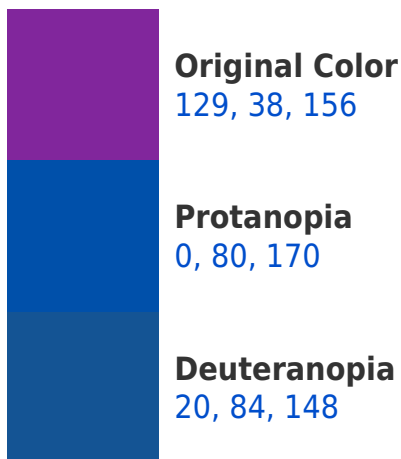


This preview shows how white text looks on a background with the RGB color 129, 38, 156.

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, 69, 74

Trichromacy



Original Color

129, 38, 156



Protanomaly

47, 65, 165



Deuteranomaly

60, 67, 151



Tritanomaly

121, 58, 104

Monochromacy



Original Color

129, 38, 156



Achromatopsia

79, 79, 79



Achromatomaly

97, 64, 107

CSS Examples

Text

The CSS property to change the color of the text to RGB 129, 38, 156 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, 38, 156)` looks like.

```
.text, #text, p{  
    color:rgb(129, 38, 156)  
}
```

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, 38, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 38, 156) }
```

Border

The CSS property to change the border of an element to RGB 129, 38, 156 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, 38, 156) }
```

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

```
.border{ border-color:rgb(129, 38, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 38, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 38, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 38, 156);  
box-shadow:4px 4px 4px 4px rgb(129, 38,  
156) }
```

Background

The CSS property to change the background color of an element to RGB 129, 38, 156 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 38, 156) }
```

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

```
.background{ background-color: rgb(129, 38,  
156) }
```

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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