

Converting Colors

RGB(156, 41, 137)

Have a look what the booklet for
RGB(156, 41, 137) contains.

RGB(156, 41, 137)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(156, 41, 137)

Conversions

Conversions Part 1

Format	Color
Hex	9C2989
RGB	156, 41, 137
RGB Percent	61%, 16%, 54%
CMY	0.3882, 0.8392, 0.4627
CMYK	0.00, 0.74, 0.12, 0.39
HSL	310°, 58%, 39%
HSV	310°, 74%, 61%
XYZ	19.0186, 10.4599, 24.6835
YIQ	86.3290, 37.7240, 54.2360

Conversions

Conversions Part 2

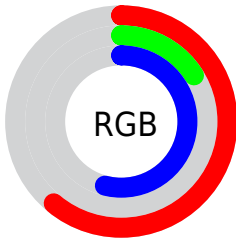
Format	Color
R_{YB}	156, 41, 137
Decimal	10234249
CIE _{Lab}	38.66, 56.86, -27.72
CIE _{LCh}	39, 63.259, 334.016
Yxy	10.4599, 0.3511, 0.1931
Android (android.graphics.Color)	4288424329 (0xFF9C2989)
YUV	86.3290, 24.9808, 61.1015
Hunter-Lab	32.3418, 48.3686, -22.6112

Details

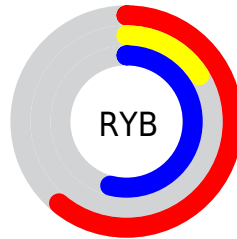
The RGB color **156, 41, 137** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **41, 156, 60**, and the grayscale version is **86, 86, 86**.

A 20% lighter version of the original color is **213, 98, 191**, and **101, 0, 87** is the 20% darker color. If you saturate the color by 10%, you get **156, 25, 134**, and if you desaturate by 10%, it is **156, 57, 140**.

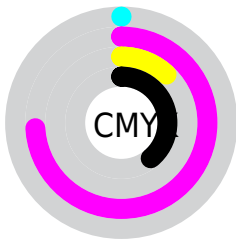
Distribution



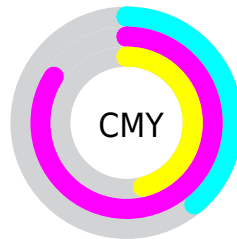
- Red (61%)
- Green (16%)
- Blue (54%)



- Red (61%)
- Yellow (16%)
- Blue (54%)



- Cyan (0%)
- Magenta (74%)
- Yellow (12%)
- Black (39%)



- Cyan (39%)
- Magenta (84%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the RGB color 156, 41, 137 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 156, 41, 137 by changing the saturation by 10% instead.



156, 41, 137



156, 41, 137

255, 255, 255



128, 0, 111



213, 98, 191



101, 0, 87



243, 125, 219



74, 0, 63



255, 153, 247



51, 0, 41



255, 181, 255



11, 0, 18



255, 210, 255



0, 0, 0



255, 239, 255



156, 41, 137



156, 41, 137



156, 25, 134



156, 57, 140

■ 156, 10, 132

■ 156, 72, 142

■ 156, 0, 130

■ 156, 88, 145

■ 156, 103, 147

■ 156, 119, 150

■ 156, 135, 152

■ 156, 150, 155

■ 156, 166, 158

■ 156, 181, 160

Harmonies

Analogous

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



95, 73, 177



156, 41, 137



178, 13, 86

Triad

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



156, 41, 137



105, 91, 0



0, 112, 148

Complementary

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



156, 41, 137



41, 156, 60

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, 113, 97



156, 41, 137



50, 104, 0

Square

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



156, 41, 137



146, 70, 0



0, 110, 42



0, 108, 184

Rectangle

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



156, 41, 137



177, 29, 53



0, 110, 42



0, 113, 132

Sweetspot

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



156, 41, 137



204, 159, 197



58, 41, 156



102, 75, 98



230, 230, 230



102, 102, 102

Same Dimension

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



156, 41, 137



204, 24, 174



156, 41, 81



79, 71, 78



143, 0, 119



15, 0, 13

Inverse Universe

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



156, 41, 137



204, 24, 174



41, 156, 116



79, 71, 78



143, 0, 119



15, 0, 13

Previews

White Background



This preview shows how the RGB color 156, 41, 137 looks on a white background.

Color Contrast Check

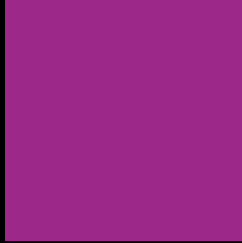
Large Text (above 18pt) WCAG AA ✓ Pass

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 156, 41, 137 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

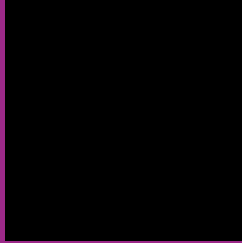
Any Text WCAG AA × Fail

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 156, 41, 137 Background



This preview shows how black text looks on a background with the RGB color 156, 41, 137.

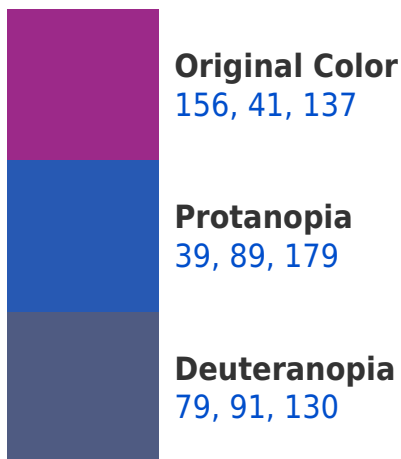



This preview shows how white text looks on a background with the RGB color 156, 41, 137.

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
149, 64, 68

Trichromacy



Original Color
156, 41, 137

Protanomaly
82, 72, 164

Deuteranomaly
107, 73, 133

Tritanomaly
152, 56, 93

Monochromacy



Original Color
156, 41, 137

Achromatopsia
86, 86, 86

Achromatomaly
111, 70, 105

CSS Examples

Text

The CSS property to change the color of the text to RGB 156, 41, 137 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(156, 41, 137)` looks like.

```
.text, #text, p{  
    color:rgb(156, 41, 137)  
}
```

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(156, 41, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 41, 137) }
```

Border

The CSS property to change the border of an element to RGB 156, 41, 137 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(156, 41, 137) }
```

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

```
.border{ border-color:rgb(156, 41, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 41, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 41, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 41, 137);  
box-shadow:4px 4px 4px 4px rgb(156, 41,  
137) }
```

Background

The CSS property to change the background color of an element to RGB 156, 41, 137 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 41, 137) }
```

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

```
.background{ background-color: rgb(156, 41,  
137) }
```

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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