

Converting Colors

RGB(136, 99, 137)

Have a look what the booklet for
RGB(136, 99, 137) contains.

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Color

RGB(136, 99, 137)

Conversions

Conversions Part 1

Format	Color
Hex	886389
RGB	136, 99, 137
RGB Percent	53%, 39%, 54%
CMY	0.4667, 0.6118, 0.4627
CMYK	0.01, 0.28, 0.00, 0.46
HSL	298°, 16%, 46%
HSV	298°, 28%, 54%
XYZ	19.1305, 15.9641, 25.7400
YIQ	114.3950, 9.8540, 19.6620

Conversions

Conversions Part 2

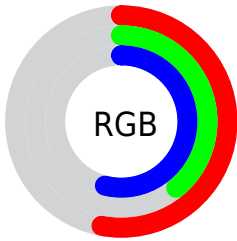
Format	Color
R _Y B	136, 99, 137
Decimal	8938377
CIE Lab	46.93, 21.78, -15.17
CIE LCh	47, 26.545, 325.147
Yxy	15.9641, 0.3145, 0.2624
Android (android.graphics.Color)	4287128457 (0xFF886389)
YUV	114.3950, 11.1443, 18.9476
Hunter-Lab	39.9551, 15.5447, -10.2275

Details

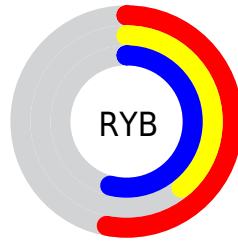
The RGB color **136, 99, 137** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **100, 137, 99**, and the grayscale version is **114, 114, 114**.

A 20% lighter version of the original color is **190, 150, 190**, and **85, 52, 87** is the 20% darker color. If you saturate the color by 10%, you get **136, 85, 137**, and if you desaturate by 10%, it is **136, 113, 137**.

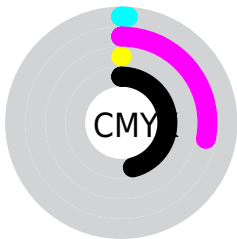
Distribution



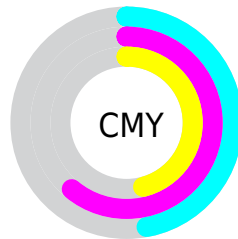
- Red (53%)
- Green (39%)
- Blue (54%)



- Red (53%)
- Yellow (39%)
- Blue (54%)



- Cyan (1%)
- Magenta (28%)
- Yellow (0%)
- Black (46%)



- Cyan (47%)
- Magenta (61%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the RGB color 136, 99, 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 136, 99, 137 by changing the saturation by 10% instead.



136, 99, 137



136, 99, 137

255, 255, 255



110, 75, 112



190, 150, 190



85, 52, 87



218, 177, 218



62, 30, 64



246, 205, 247



39, 8, 42



255, 233, 255



11, 0, 21



0, 0, 0



136, 99, 137



136, 99, 137



136, 85, 137



136, 113, 137



135, 72, 137



137, 126, 137

■ 135, 58, 137

■ 137, 140, 137

■ 135, 44, 137

■ 137, 154, 137

■ 134, 30, 137

■ 138, 168, 137

■ 134, 17, 137

■ 138, 181, 137

■ 133, 3, 137

■ 139, 195, 137

■ 133, 0, 137

■ 139, 209, 137

■ 139, 222, 137

Harmonies

Analogous

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



109, 107, 152



136, 99, 137



152, 94, 116

Triad

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



136, 99, 137



129, 109, 67



26, 123, 129

Complementary

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



136, 99, 137



100, 137, 99

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.



52, 123, 107



136, 99, 137



107, 116, 70

Square

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



136, 99, 137



146, 101, 75



81, 121, 85



37, 120, 147

Rectangle

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



136, 99, 137



155, 94, 101



81, 121, 85



33, 123, 122

Sweetspot

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



136, 99, 137



178, 164, 179



99, 100, 137



89, 80, 89



217, 217, 217



89, 89, 89

Same Dimension

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



136, 99, 137



177, 120, 179



137, 99, 119



69, 62, 69



129, 0, 133



5, 0, 5

Inverse Universe

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



137, 99, 100



179, 120, 121



99, 137, 117



69, 62, 62



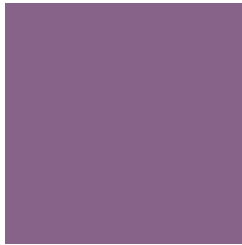
133, 0, 3



5, 0, 0

Previews

White Background



This preview shows how the RGB color 136, 99, 137 looks on a white background.

Color Contrast Check

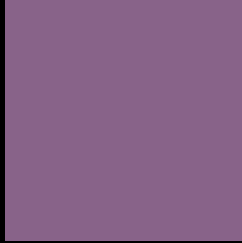
Large Text (above 18pt) WCAG AA ✓ Pass

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 136, 99, 137 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

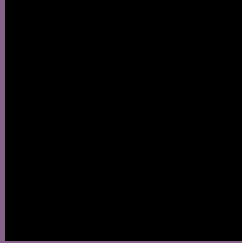
Any Text WCAG AA × Fail

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 136, 99, 137 Background



This preview shows how black text looks on a background with the RGB color 136, 99, 137.



This preview shows how white text looks on a background with the RGB color 136, 99, 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



Original Color

136, 99, 137

Protanopia

102, 110, 145

Deuteranopia

111, 109, 135



Tritanopia
133, 104, 112

Trichromacy



Original Color
136, 99, 137

Protanomaly
114, 106, 142

Deuteranomaly
120, 105, 136

Tritanomaly
134, 102, 121

Monochromacy



Original Color
136, 99, 137

Achromatopsia
114, 114, 114

Achromatomaly
122, 109, 122

CSS Examples

Text

The CSS property to change the color of the text to RGB 136, 99, 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(136, 99, 137)` looks like.

```
.text, #text, p{  
    color:rgb(136, 99, 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(136, 99, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 99, 137) }
```

Border

The CSS property to change the border of an element to RGB 136, 99, 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(136, 99, 137) }
```

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

```
.border{ border-color:rgb(136, 99, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 99, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 99, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 99, 137);  
box-shadow:4px 4px 4px 4px rgb(136, 99,  
137) }
```

Background

The CSS property to change the background color of an element to RGB 136, 99, 137 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 99, 137) }
```

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

```
.background{ background-color: rgb(136, 99,  
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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