

Converting Colors

RGB(137, 86, 140)

Have a look what the booklet for
RGB(137, 86, 140) contains.

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Color

RGB(137, 86, 140)

Conversions

Conversions Part 1

Format	Color
Hex	89568C
RGB	137, 86, 140
RGB Percent	54%, 34%, 55%
CMY	0.4627, 0.6627, 0.4510
CMYK	0.02, 0.39, 0.00, 0.45
HSL	297°, 24%, 44%
HSV	297°, 39%, 55%
XYZ	18.3779, 13.8674, 26.5190
YIQ	107.4050, 13.0620, 27.6060

Conversions

Conversions Part 2

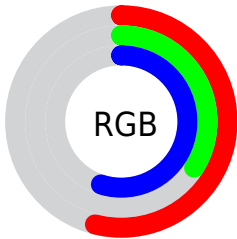
Format	Color
R _Y B	137, 86, 140
Decimal	9000588
CIE Lab	44.04, 30.33, -21.38
CIE LCh	44, 37.104, 324.816
Yxy	13.8674, 0.3127, 0.2360
Android (android.graphics.Color)	4287190668 (0xFF89568C)
YUV	107.4050, 16.0693, 25.9548
Hunter-Lab	37.2389, 22.9241, -16.1550

Details

The RGB color **137, 86, 140** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **89, 140, 86**, and the grayscale version is **107, 107, 107**.

A 20% lighter version of the original color is **191, 137, 194**, and **86, 38, 90** is the 20% darker color. If you saturate the color by 10%, you get **136, 72, 140**, and if you desaturate by 10%, it is **138, 100, 140**.

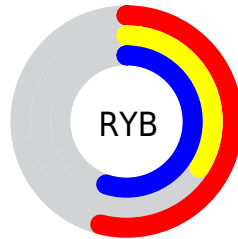
Distribution



Red (54%)

Green (34%)

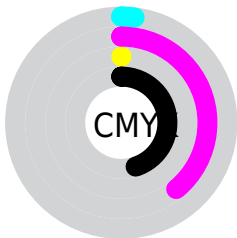
Blue (55%)



Red (54%)

Yellow (34%)

Blue (55%)

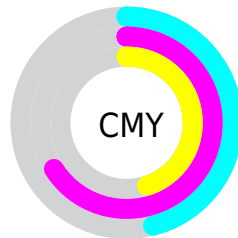


Cyan (2%)

Magenta (39%)

Yellow (0%)

Black (45%)



Cyan (46%)

Magenta (66%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the RGB color 137, 86, 140 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 137, 86, 140 by changing the saturation by 10% instead.



137, 86, 140



137, 86, 140

255, 255, 255



111, 62, 114



191, 137, 194



86, 38, 90



220, 163, 222



61, 15, 66



248, 191, 250



39, 0, 44



255, 219, 255



0, 0, 22



255, 248, 255



0, 0, 0



137, 86, 140



137, 86, 140



136, 72, 140



138, 100, 140



135, 58, 140



139, 114, 140

135, 44, 140

139, 128, 140

134, 30, 140

140, 142, 140

133, 16, 140

141, 156, 140

132, 2, 140

142, 170, 140

132, 0, 140

142, 184, 140

143, 198, 140

144, 212, 140

Harmonies

Analogous

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



97, 98, 160



137, 86, 140



158, 78, 111

Triad

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



137, 86, 140



127, 101, 41



0, 119, 129

Complementary

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



137, 86, 140



89, 140, 86

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, 119, 98



137, 86, 140



97, 110, 46

Square

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



137, 86, 140



149, 89, 54



59, 116, 67



0, 116, 154

Rectangle

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



137, 86, 140



162, 78, 90



59, 116, 67



0, 120, 119

Sweetspot

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



137, 86, 140



180, 159, 181



86, 90, 140



91, 79, 92



219, 219, 219



92, 92, 92

Same Dimension

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



137, 86, 140



176, 98, 181



140, 86, 117



68, 62, 69



125, 0, 133



5, 0, 5

Inverse Universe

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



140, 86, 89



181, 98, 102



86, 140, 109



69, 62, 62



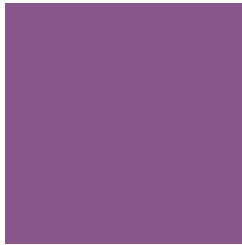
133, 0, 7



5, 0, 0

Previews

White Background



This preview shows how the RGB color 137, 86, 140 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 137, 86, 140 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

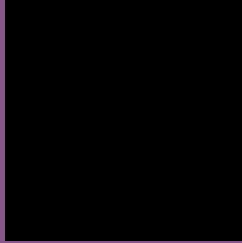
Any Text WCAG AA × Fail

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 137, 86, 140 Background



This preview shows how black text looks on a background with the RGB color 137, 86, 140.

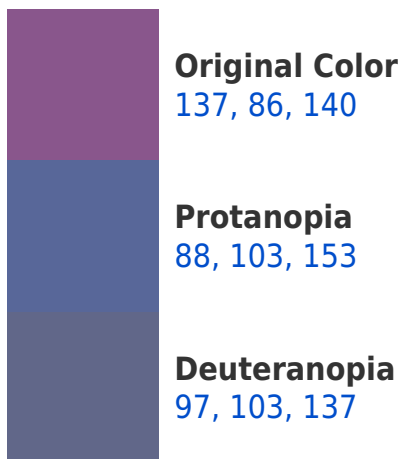


This preview shows how white text looks on a background with the RGB color 137, 86, 140.

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
132, 94, 101

Trichromacy



Original Color

137, 86, 140

Protanomaly

106, 97, 148

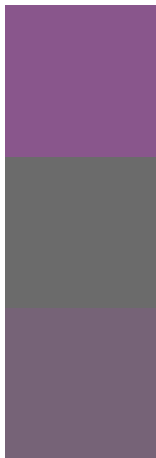
Deuteranomaly

112, 97, 138

Tritanomaly

134, 91, 115

Monochromacy



Original Color

137, 86, 140

Achromatopsia

107, 107, 107

Achromatomaly

118, 99, 119

CSS Examples

Text

The CSS property to change the color of the text to RGB 137, 86, 140 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(137, 86, 140)` looks like.

```
.text, #text, p{  
    color:rgb(137, 86, 140)  
}
```

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(137, 86, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 86, 140) }
```

Border

The CSS property to change the border of an element to RGB 137, 86, 140 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(137, 86, 140) }
```

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

```
.border{ border-color:rgb(137, 86, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 86, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 86, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 86, 140);  
box-shadow:4px 4px 4px 4px rgb(137, 86,  
140) }
```

Background

The CSS property to change the background color of an element to RGB 137, 86, 140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 86, 140) }
```

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

```
.background{ background-color: rgb(137, 86,  
140) }
```

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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