

# Converting Colors

RGB(137, 102, 141)

Have a look what the booklet for  
RGB(137, 102, 141) contains.

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# Color

**RGB(137, 102, 141)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	89668D
RGB	137, 102, 141
RGB Percent	54%, 40%, 55%
CMY	0.4627, 0.6000, 0.4471
CMYK	0.03, 0.28, 0.00, 0.45
HSL	294°, 16%, 48%
HSV	294°, 28%, 55%
XYZ	19.8756, 16.7442, 27.3837
YIQ	116.9110, 8.3410, 19.5490

# Conversions

## Conversions Part 2

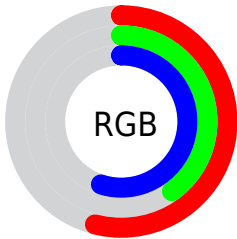
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	137, 102, 141
Decimal	9004685
CIE Lab	47.94, 21.19, -16.01
CIE LCh	48, 26.558, 322.931
Yxy	16.7442, 0.3105, 0.2616
Android (android.graphics.Color)	4287194765 (0xFF89668D)
YUV	116.9110, 11.8759, 17.6181
Hunter-Lab	40.9197, 15.0921, -11.0335

# Details

The RGB color **137, 102, 141** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **106, 141, 102**, and the grayscale version is **117, 117, 117**.

A 20% lighter version of the original color is **191, 153, 195**, and **86, 54, 91** is the 20% darker color. If you saturate the color by 10%, you get **136, 88, 141**, and if you desaturate by 10%, it is **138, 116, 141**.

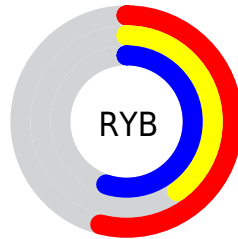
# Distribution



Red (54%)

Green (40%)

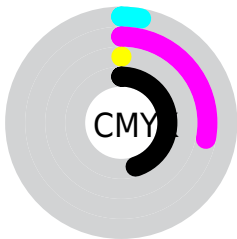
Blue (55%)



Red (54%)

Yellow (40%)

Blue (55%)

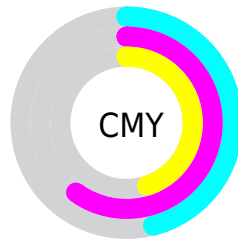


Cyan (3%)

Magenta (28%)

Yellow (0%)

Black (45%)



Cyan (46%)

Magenta (60%)

Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the RGB color 137, 102, 141 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, 102, 141 by changing the saturation by 10% instead.



 137, 102, 141

255, 255, 255


 191, 153, 195

 219, 180, 223

 248, 208, 251

 255, 236, 255

 137, 102, 141

 111, 78, 115


 86, 54, 91

 63, 32, 67

 40, 11, 45

 16, 0, 24


 0, 0, 0


 137, 102, 141

 136, 88, 141

 134, 74, 141

 137, 102, 141

 138, 116, 141

 140, 130, 141

133, 60, 141

141, 144, 141

131, 46, 141

143, 158, 141

130, 31, 141

144, 173, 141

128, 17, 141

146, 187, 141

127, 3, 141

147, 201, 141

127, 0, 141

149, 215, 141

150, 229, 141

# Harmonies

## Analogous

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



109, 110, 155



137, 102, 141



154, 97, 120

# Triad

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



137, 102, 141



134, 111, 69



31, 126, 130

# Complementary

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



137, 102, 141



106, 141, 102

# 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.



57, 126, 107



137, 102, 141



111, 118, 72

# Square

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



137, 102, 141



150, 103, 79



85, 123, 86



38, 123, 149

# Rectangle

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



137, 102, 141



158, 97, 105



85, 123, 86



39, 126, 123



# Sweetspot

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



137, 102, 141



182, 169, 184



102, 107, 141



91, 83, 92



219, 219, 219



92, 92, 92



# Same Dimension

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



137, 102, 141



177, 123, 184



141, 102, 126



71, 64, 71



121, 0, 135



7, 0, 8



# Inverse Universe

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



141, 102, 106



184, 123, 129



102, 141, 117



71, 64, 65



135, 0, 14

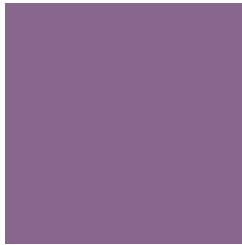


8, 0, 1



# Previews

## White Background



This preview shows how the RGB color 137, 102, 141 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, 102, 141 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

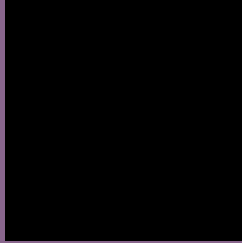
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## RGB 137, 102, 141 Background



This preview shows how black text looks on a background with the RGB color 137, 102, 141.



This preview shows how white text looks on a background with the RGB color 137, 102, 141.

# 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**  
137, 102, 141

**Protanopia**  
104, 113, 149

**Deuteranopia**  
112, 112, 139



**Tritanopia**  
133, 107, 115

# Trichromacy



**Original Color**  
137, 102, 141

**Protanomaly**  
116, 109, 146

**Deuteranomaly**  
121, 108, 140

**Tritanomaly**  
134, 105, 124

# Monochromacy



**Original Color**  
137, 102, 141

**Achromatopsia**  
117, 117, 117

**Achromatomaly**  
124, 112, 126

# CSS Examples

## Text

The CSS property to change the color of the text to RGB 137, 102, 141 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, 102, 141)` looks like.

```
.text, #text, p{  
    color:rgb(137, 102, 141)  
}
```

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, 102, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 102, 141) }
```

## Border

The CSS property to change the border of an element to RGB 137, 102, 141 is called "border". The border property can be set on classes, ids or directly on the HTML element.

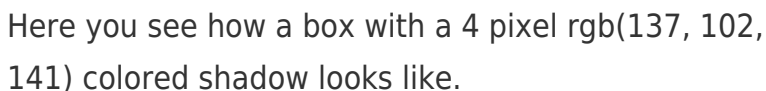
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(137, 102, 141) }
```

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

```
.border{ border-color:rgb(137, 102, 141) }
```

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



Here you see how a box with a 4 pixel `rgb(137, 102, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 102, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 102, 141);  
box-shadow:4px 4px 4px 4px rgb(137, 102,  
141) }
```

# Background

The CSS property to change the background color of an element to RGB 137, 102, 141 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 102, 141) }
```

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

```
.background{ background-color: rgb(137,  
102, 141) }
```

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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