

# Converting Colors

RGB(137, 95, 170)

Have a look what the booklet for  
RGB(137, 95, 170) contains.

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# Color

**RGB(137, 95, 170)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	895FAA
RGB	137, 95, 170
RGB Percent	54%, 37%, 67%
CMY	0.4627, 0.6275, 0.3333
CMYK	0.19, 0.44, 0.00, 0.33
HSL	274°, 31%, 52%
HSV	274°, 44%, 67%
XYZ	21.6644, 16.4051, 40.0549
YIQ	116.1080, 0.9570, 32.2290

# Conversions

## Conversions Part 2

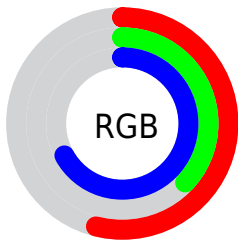
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	137, 95, 170
Decimal	9002922
CIE <sub>Lab</sub>	47.50, 31.71, -33.82
CIE <sub>LCh</sub>	48, 46.363, 313.159
Yxy	16.4051, 0.2773, 0.2100
Android (android.graphics.Color)	4287193002 (0xFF895FAA)
YUV	116.1080, 26.5688, 18.3223
Hunter-Lab	40.5032, 24.5960, -30.2815

# Details

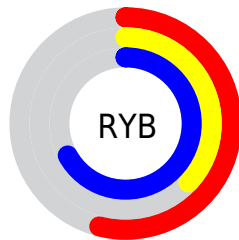
The RGB color **137, 95, 170** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **128, 170, 95**, and the grayscale version is **116, 116, 116**.

A 20% lighter version of the original color is **192, 146, 226**, and **85, 47, 117** is the 20% darker color. If you saturate the color by 10%, you get **130, 78, 170**, and if you desaturate by 10%, it is **144, 112, 170**.

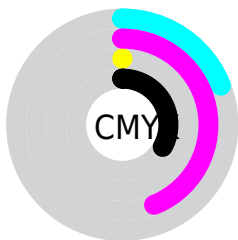
# Distribution



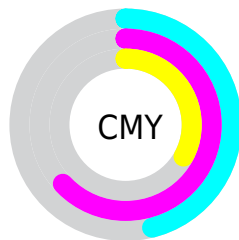
- Red (54%)
- Green (37%)
- Blue (67%)



- Red (54%)
- Yellow (37%)
- Blue (67%)



- Cyan (19%)
- Magenta (44%)
- Yellow (0%)
- Black (33%)



- Cyan (46%)
- Magenta (63%)
- Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the RGB color 137, 95, 170 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, 95, 170 by changing the saturation by 10% instead.



 137, 95, 170

255, 255, 255


 192, 146, 226

 220, 173, 254

 249, 201, 255

 255, 229, 255

 137, 95, 170

 111, 71, 143

 85, 47, 117

 60, 24, 92


 36, 2, 68

 13, 0, 46

 0, 1, 24

 0, 0, 0

 137, 95, 170

 130, 78, 170

 137, 95, 170

 144, 112, 170

 122, 61, 170


 152, 129, 170

 115, 44, 170


 159, 146, 170


 107, 27, 170

 167, 163, 170

 100, 10, 170

 174, 180, 170

 95, 0, 170

 182, 197, 170

 189, 214, 170

 197, 231, 170

 204, 248, 170

# Harmonies

## Analogous

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



71, 111, 189



137, 95, 170



172, 80, 136

# Triad

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



137, 95, 170



152, 103, 34



0, 132, 129

# Complementary

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



137, 95, 170



128, 170, 95

# 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, 130, 89



137, 95, 170



117, 116, 29

# Square

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



137, 95, 170



176, 87, 61



74, 125, 52



0, 130, 165

# Rectangle

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



137, 95, 170



183, 76, 110



74, 125, 52



0, 132, 116



# Sweetspot

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



137, 95, 170



209, 193, 222



95, 129, 170



104, 94, 112



240, 240, 240



112, 112, 112



# Same Dimension

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



137, 95, 170



170, 104, 222



170, 95, 166



80, 76, 84



83, 0, 148



11, 0, 20



# Inverse Universe

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



170, 95, 128



222, 104, 156



95, 170, 99



84, 76, 79



148, 0, 65

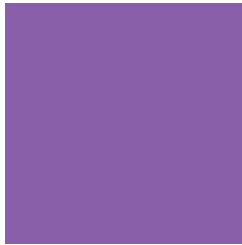


20, 0, 9



# Previews

## White Background



This preview shows how the RGB color 137, 95, 170 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, 95, 170 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

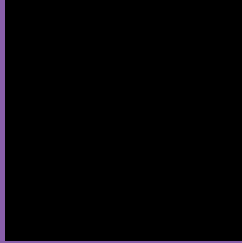
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## RGB 137, 95, 170 Background



This preview shows how black text looks on a background with the RGB color 137, 95, 170.



This preview shows how white text looks on a background with the RGB color 137, 95, 170.

# 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, 95, 170

**Protanopia**  
84, 111, 184

**Deuteranopia**  
90, 112, 167



**Tritanopia**  
128, 107, 116

# Trichromacy



**Original Color**  
137, 95, 170

**Protanomaly**  
103, 105, 179

**Deuteranomaly**  
107, 106, 168

**Tritanomaly**  
131, 103, 136

# Monochromacy



**Original Color**  
137, 95, 170

**Achromatopsia**  
116, 116, 116

**Achromatomaly**  
124, 108, 136

# CSS Examples

## Text

The CSS property to change the color of the text to RGB 137, 95, 170 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, 95, 170)` looks like.

```
.text, #text, p{  
    color:rgb(137, 95, 170)  
}
```

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, 95, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 95, 170) }
```

## Border

The CSS property to change the border of an element to RGB 137, 95, 170 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, 95, 170) }
```

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

```
.border{ border-color:rgb(137, 95, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 95, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 95, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 95, 170);  
box-shadow:4px 4px 4px 4px rgb(137, 95,  
170) }
```

# Background

The CSS property to change the background color of an element to RGB 137, 95, 170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 95, 170) }
```

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

```
.background{ background-color: rgb(137, 95,  
170) }
```

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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