

Converting Colors

RGB(137, 136, 116)

Have a look what the booklet for
RGB(137, 136, 116) contains.

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Color

RGB(137, 136, 116)

Conversions

Conversions Part 1	
Format	Color
Hex	898874
RGB	137, 136, 116
RGB Percent	54%, 53%, 45%
CMY	0.4627, 0.4667, 0.5451
CMYK	0.00, 0.01, 0.15, 0.46
HSL	57°, 8%, 50%
HSV	57°, 15%, 54%
XYZ	22.2731, 24.1876, 20.0178
YIQ	134.0190, 7.0160, -6.0080

Conversions

Conversions Part 2

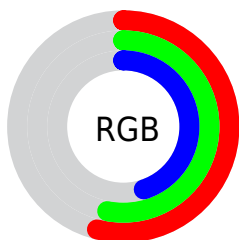
Format	Color
RYB	117, 137, 116
Decimal	9013364
CIELab	56.28, -3.27, 10.89
CIELCh	56, 11.370, 106.719
Yxy	24.1876, 0.3350, 0.3638
Android (android.graphics.Color)	4287203444 (0xFF898874)
YUV	134.0190, -8.8834, 2.6143
Hunter-Lab	49.1809, -5.2275, 10.2943

Details

The RGB color **137, 136, 116** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **116, 117, 137**, and the grayscale version is **134, 134, 134**.

A 20% lighter version of the original color is **190, 189, 168**, and **87, 86, 68** is the 20% darker color. If you saturate the color by 10%, you get **137, 135, 102**, and if you desaturate by 10%, it is **137, 137, 130**.

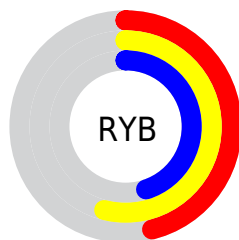
Distribution



Red (54%)

Green (53%)

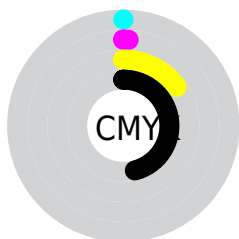
Blue (45%)



Red (46%)

Yellow (54%)

Blue (45%)

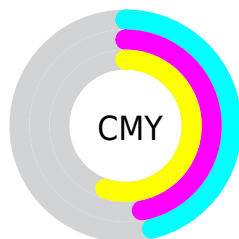


Cyan (0%)

Magenta (1%)

Yellow (15%)

Black (46%)



Cyan (46%)

Magenta (47%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the RGB color 137, 136, 116 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, 136, 116 by changing the saturation by 10% instead.

 137, 136, 116


255, 255, 255

 190, 189, 168

 218, 217, 195

 247, 245, 223

255, 255, 252

 137, 136, 116

 137, 135, 102


 137, 135, 89

 137, 136, 116

 112, 111, 91

 87, 86, 68

 64, 63, 46

 41, 41, 25

 22, 21, 0


 0, 0, 0

 137, 136, 116

 137, 137, 130

 137, 137, 143

 137, 134, 75

 137, 138, 157

 137, 133, 61

 137, 139, 171


 137, 133, 48

 137, 139, 185

 137, 132, 34

 137, 140, 198


 137, 131, 20

 137, 141, 212

 137, 131, 6

 137, 141, 226

 137, 130, 0

 137, 142, 239

Harmonies

Analogous

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



147, 133, 116



137, 136, 116



126, 139, 121

Triad

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



137, 136, 116



111, 140, 149



152, 129, 140

Complementary

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



137, 136, 116



116, 117, 137

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.



143, 131, 149



137, 136, 116



119, 137, 154

Square

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



137, 136, 116



110, 141, 140



131, 134, 154



156, 128, 130

Rectangle

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



137, 136, 116



119, 140, 127



131, 134, 154



150, 129, 143

Sweetspot

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



137, 136, 116



179, 178, 170



137, 116, 117



89, 89, 84



217, 217, 217



89, 89, 89

Same Dimension

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



137, 136, 116



179, 177, 146



128, 137, 116



69, 69, 62



133, 126, 0



5, 5, 0

Inverse Universe

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



116, 117, 137



146, 148, 179



125, 116, 137



62, 62, 69



0, 6, 133



0, 0, 5

Previews

White Background



This preview shows how the RGB color 137, 136, 116 looks on a white background.

Color Contrast Check

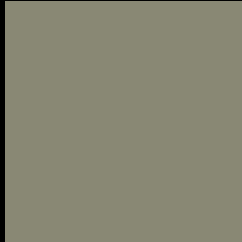
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the RGB color 137, 136, 116 looks on a black 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

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

RGB 137, 136, 116 Background



This preview shows how black text looks on a background with the RGB color 137, 136, 116.



This preview shows how white text looks on a background with the RGB color 137, 136, 116.

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, 136, 116

Protanopia

142, 135, 115

Deuteranopia

154, 130, 117



Tritanopia

141, 132, 143

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to RGB 137, 136, 116 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, 136, 116) looks like.

```
.text, #text, p{  
    color:rgb(137, 136, 116)  
}
```

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, 136, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 136, 116) }
```

Border

The CSS property to change the border of an element to RGB 137, 136, 116 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, 136, 116) }
```

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

```
.border{ border-color:rgb(137, 136, 116) }
```

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

Here you see how a box with a 4 pixel rgb(137, 136, 116) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 136, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 136, 116);  
box-shadow:4px 4px 4px 4px rgb(137, 136,  
116) }
```

Background

The CSS property to change the background color of an element to RGB 137, 136, 116 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 136, 116) }
```

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

```
.background{ background-color: rgb(137,  
136, 116) }
```

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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