

Converting Colors

RGB(134, 97, 126)

Have a look what the booklet for
RGB(134, 97, 126) contains.

RGB(134, 97, 126)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(134, 97, 126)

Conversions

Conversions Part 1

Format	Color
Hex	86617E
RGB	134, 97, 126
RGB Percent	53%, 38%, 49%
CMY	0.4745, 0.6196, 0.5059
CMYK	0.00, 0.28, 0.06, 0.47
HSL	313°, 16%, 45%
HSV	313°, 28%, 53%
XYZ	17.8721, 15.1241, 21.7159
YIQ	111.3690, 12.7430, 16.8630

Conversions

Conversions Part 2

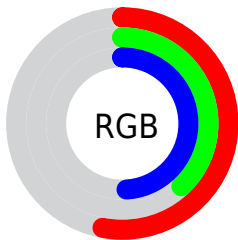
Format	Color
RYB	134, 97, 126
Decimal	8806782
CIELab	45.80, 20.06, -10.29
CIElCh	46, 22.543, 332.829
Yxy	15.1241, 0.3267, 0.2764
Android (android.graphics.Color)	4286996862 (0xFF86617E)
YUV	111.3690, 7.2131, 19.8474
Hunter-Lab	38.8897, 13.9743, -5.8847

Details

The RGB color **134, 97, 126** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **97, 134, 105**, and the grayscale version is **111, 111, 111**.

A 20% lighter version of the original color is **188, 148, 179**, and **84, 50, 77** is the 20% darker color. If you saturate the color by 10%, you get **134, 84, 123**, and if you desaturate by 10%, it is **134, 110, 129**.

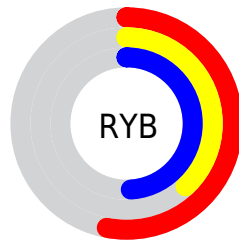
Distribution



Red (53%)

Green (38%)

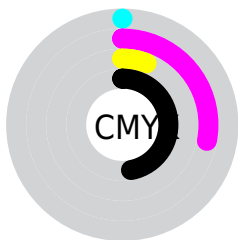
Blue (49%)



Red (53%)

Yellow (38%)

Blue (49%)

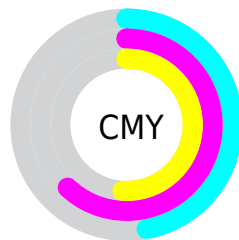


Cyan (0%)

Magenta (28%)

Yellow (6%)

Black (47%)



Cyan (47%)

Magenta (62%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the RGB color 134, 97, 126 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 134, 97, 126 by changing the saturation by 10% instead.



134, 97, 126



134, 97, 126

255, 255, 255



108, 73, 101



188, 148, 179



84, 50, 77



216, 175, 206



60, 28, 54



244, 202, 234



38, 6, 33



255, 230, 255



2, 0, 8



0, 0, 0



134, 97, 126



134, 97, 126



134, 84, 123



134, 110, 129



134, 70, 120



134, 124, 132

134, 57, 117

134, 137, 135

134, 43, 114

134, 151, 138

134, 30, 112

134, 164, 140

134, 17, 109

134, 177, 143

134, 3, 106

134, 191, 146

134, 0, 105

134, 204, 149

134, 218, 152

Harmonies

Analogous

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



113, 103, 140



134, 97, 126



145, 94, 107

Triad

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



134, 97, 126



120, 108, 71



46, 118, 128

Complementary

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



134, 97, 126



97, 134, 105

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, 119, 110



134, 97, 126



100, 113, 76

Square

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



134, 97, 126



136, 101, 75



78, 117, 91



59, 115, 141

Rectangle

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



134, 97, 126



146, 95, 95



78, 117, 91



47, 119, 122

Sweetspot

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



134, 97, 126



173, 160, 170



104, 97, 134



87, 78, 85



214, 214, 214



87, 87, 87

Same Dimension

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



134, 97, 126



173, 116, 161



134, 97, 108



66, 60, 65



130, 0, 102



3, 0, 2

Inverse Universe

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



134, 97, 126



173, 116, 161



97, 134, 123



66, 60, 65



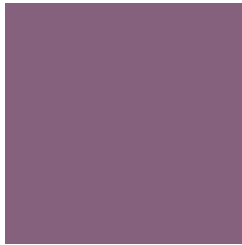
130, 0, 102



3, 0, 2

Previews

White Background



This preview shows how the RGB color 134, 97, 126 looks on a white background.

Color Contrast Check

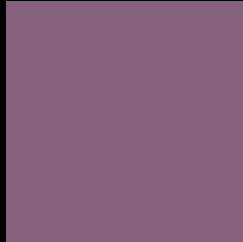
Large Text (above 18pt) WCAG AA ✓ Pass

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 134, 97, 126 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

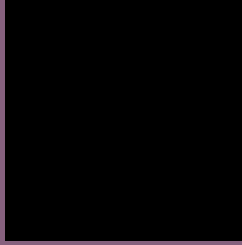
Any Text WCAG AA × Fail

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 134, 97, 126 Background



This preview shows how black text looks on a background with the RGB color 134, 97, 126.



This preview shows how white text looks on a background with the RGB color 134, 97, 126.

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

[134, 97, 126](#)

Protanopia

[103, 108, 133](#)

Deuteranopia

[112, 106, 124](#)



Tritanopia
132, 100, 108

Trichromacy



Original Color

134, 97, 126

Protanomaly

114, 104, 130

Deuteranomaly

120, 103, 125

Tritanomaly

133, 99, 115

Monochromacy



Original Color

134, 97, 126

Achromatopsia

111, 111, 111

Achromatomaly

119, 106, 116

CSS Examples

Text

The CSS property to change the color of the text to RGB 134, 97, 126 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(134, 97, 126) looks like.

```
.text, #text, p{  
    color:rgb(134, 97, 126)  
}
```

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(134, 97, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 97, 126) }
```

Border

The CSS property to change the border of an element to RGB 134, 97, 126 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(134, 97, 126) }
```

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

```
.border{ border-color:rgb(134, 97, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 97, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 97, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 97, 126);  
box-shadow:4px 4px 4px 4px rgb(134, 97,  
126) }
```

Background

The CSS property to change the background color of an element to RGB 134, 97, 126 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 97, 126) }
```

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

```
.background{ background-color: rgb(134, 97,  
126) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor