

Converting Colors

RGB(157, 105, 126)

Have a look what the booklet for
RGB(157, 105, 126) contains.

RGB(157, 105, 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(157, 105, 126)

Conversions

Conversions Part 1

Format	Color
Hex	9D697E
RGB	157, 105, 126
RGB Percent	62%, 41%, 49%
CMY	0.3843, 0.5882, 0.5059
CMYK	0.00, 0.33, 0.20, 0.38
HSL	336°, 21%, 51%
HSV	336°, 33%, 62%
XYZ	22.7221, 18.7776, 22.1655
YIQ	122.9420, 24.2510, 17.5550

Conversions

Conversions Part 2

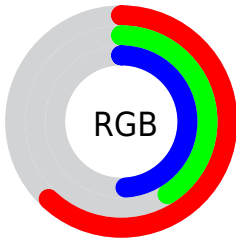
Format	Color
R_{YB}	157, 105, 126
Decimal	10316158
CIE _{Lab}	50.43, 24.00, -3.13
CIE _{LCh}	50, 24.201, 352.580
Yxy	18.7776, 0.3569, 0.2949
Android (android.graphics.Color)	4288506238 (0xFF9D697E)
YUV	122.9420, 1.5076, 29.8689
Hunter-Lab	43.3331, 17.7650, 0.0055

Details

The RGB color **157, 105, 126** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **105, 157, 136**, and the grayscale version is **123, 123, 123**.

A 20% lighter version of the original color is **212, 157, 179**, and **104, 57, 77** is the 20% darker color. If you saturate the color by 10%, you get **157, 89, 117**, and if you desaturate by 10%, it is **157, 121, 135**.

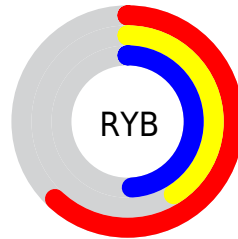
Distribution



Red (62%)

Green (41%)

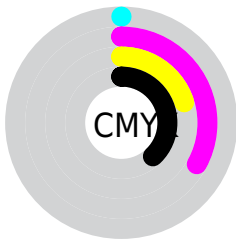
Blue (49%)



Red (62%)

Yellow (41%)

Blue (49%)

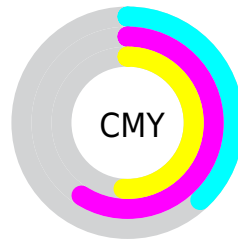


Cyan (0%)

Magenta (33%)

Yellow (20%)

Black (38%)



Cyan (38%)

Magenta (59%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the RGB color 157, 105, 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 157, 105, 126 by changing the saturation by 10% instead.

■ 157, 105, 126

255, 255, 255

■ 212, 157, 179

■ 241, 184, 206

■ 255, 212, 234

■ 255, 240, 255

■ 157, 105, 126

■ 130, 80, 101

■ 104, 57, 77

■ 79, 34, 54

■ 55, 11, 33

■ 37, 0, 10

■ 0, 0, 0

■ 157, 105, 126

■ 157, 89, 117

■ 157, 74, 107

■ 157, 105, 126

■ 157, 121, 135

■ 157, 136, 145

■ 157, 58, 98

■ 157, 152, 154

■ 157, 42, 89

■ 157, 168, 163

■ 157, 26, 79

■ 157, 184, 173

■ 157, 11, 70

■ 157, 199, 182

■ 157, 0, 63

■ 157, 215, 192

■ 157, 231, 201

■ 157, 246, 210

Harmonies

Analogous

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



141, 109, 145



157, 105, 126



161, 105, 105

Triad

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



157, 105, 126



118, 124, 82



58, 129, 152

Complementary

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



157, 105, 126



105, 157, 136

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.



53, 131, 135



157, 105, 126



95, 128, 94

Square

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



157, 105, 126



139, 117, 79



71, 131, 114



85, 124, 160

Rectangle

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



157, 105, 126



158, 108, 93



71, 131, 114



53, 130, 147

Sweetspot

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



157, 105, 126



204, 184, 192



135, 105, 157



102, 90, 95



230, 230, 230



102, 102, 102

Same Dimension

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



157, 105, 126



204, 122, 155



157, 109, 105



79, 71, 74



143, 0, 58



15, 0, 6

Inverse Universe

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



157, 105, 126



204, 122, 155



105, 153, 157



79, 71, 74



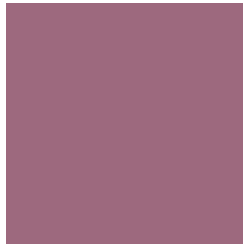
143, 0, 58



15, 0, 6

Previews

White Background



This preview shows how the RGB color 157, 105, 126 looks on a white background.

Color Contrast Check

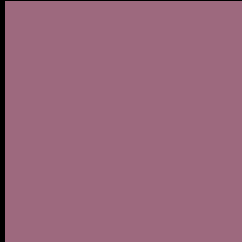
Large Text (above 18pt) WCAG AA ✓ Pass

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 157, 105, 126 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

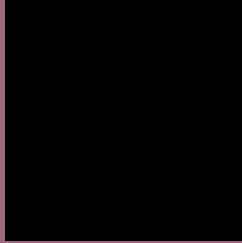
Any Text WCAG AA ✓ Pass

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 157, 105, 126 Background



This preview shows how black text looks on a background with the RGB color 157, 105, 126.



This preview shows how white text looks on a background with the RGB color 157, 105, 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

157, 105, 126

Protanopia

118, 119, 135

Deuteranopia

130, 117, 124



Tritanopia
156, 107, 115

Trichromacy



Original Color

157, 105, 126

Protanomaly

132, 114, 132

Deuteranomaly

140, 113, 125

Tritanomaly

156, 106, 119

Monochromacy



Original Color

157, 105, 126

Achromatopsia

123, 123, 123

Achromatomaly

135, 116, 124

CSS Examples

Text

The CSS property to change the color of the text to RGB 157, 105, 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(157, 105, 126) looks like.

```
.text, #text, p{  
    color:rgb(157, 105, 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(157, 105, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 105, 126) }
```

Border

The CSS property to change the border of an element to RGB 157, 105, 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(157, 105, 126) }
```

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

```
.border{ border-color:rgb(157, 105, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 105, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 105, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 105, 126);  
box-shadow:4px 4px 4px 4px rgb(157, 105,  
126) }
```

Background

The CSS property to change the background color of an element to RGB 157, 105, 126 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 105, 126) }
```

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

```
.background{ background-color: rgb(157,  
105, 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