Converting Colors

RGB(156, 93, 125)

Have a look what the booklet for RGB(156, 93, 125) contains.

Color

RGB(156, 93, 125)

Conversions

Conversions Part 1

Format	Color
Hex	9C5D7D
RGB	156, 93, 125
RGB Percent	61%, 36%, 49%
CMY	0.3882, 0.6353, 0.5098
CMYK	0.00, 0.40, 0.20, 0.39
HSL	330°, 25%, 49%
HSV	330°, 40%, 61%
XYZ	21.3263, 16.3773, 21.4391
YIQ	115.4850, 27.2760, 23.3080

Conversions

Conversions Part 2

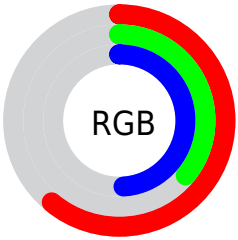
Format	Color
RYB	156, 93, 125
Decimal	10247549
CIELab	47.47, 30.27, -6.93
CIELCh	47, 31.053, 347.105
Yxy	16.3773, 0.3606, 0.2769
Android (android.graphics.Color)	4288437629 (0xFF9C5D7D)
YUV	115.4850, 4.6909, 35.5317
Hunter-Lab	40.4689, 23.2456, -3.0818

Details

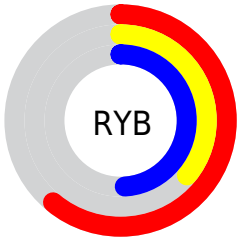
The RGB color 156, 93, 125 is a dark color, and the websafe version is hex 996699. A complement of this color would be 93, 156, 124, and the grayscale version is 115, 115, 115.

A 20% lighter version of the original color is 212, 144, 178, and 103, 45, 76 is the 20% darker color. If you saturate the color by 10%, you get 156, 77, 117, and if you desaturate by 10%, it is 156, 109, 133.

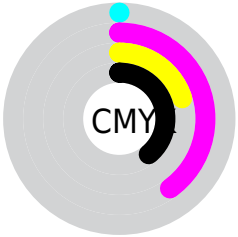
Distribution



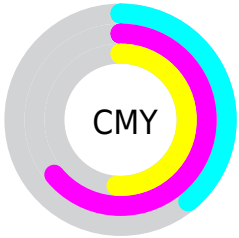
- Red (61%)
- Green (36%)
- Blue (49%)



- Red (61%)
- Yellow (36%)
- Blue (49%)



- Cyan (0%)
- Magenta (40%)
- Yellow (20%)
- Black (39%)



- Cyan (39%)
- Magenta (64%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the RGB color 156, 93, 125 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 156, 93, 125 by changing the saturation by 10% instead.

156, 93, 125	156, 93, 125
255, 255, 255	129, 68, 100
212, 144, 178	103, 45, 76
241, 171, 205	78, 21, 53
255, 199, 233	53, 0, 32
255, 227, 255	32, 0, 7
	0, 0, 0

156, 93, 125	156, 93, 125
156, 77, 117	156, 109, 133
156, 62, 110	156, 124, 140

156, 46, 102

156, 31, 94

156, 15, 87

156, 0, 79

156, 140, 148

156, 155, 156

156, 171, 163

156, 187, 171

156, 202, 179

156, 218, 186

156, 233, 194

Harmonies

Analogous

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

134, 100, 148

156, 93, 125

163, 92, 99

Triad

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

156, 93, 125

114, 116, 61

0, 124, 150

Complementary

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

156, 93, 125

93, 156, 124

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, 126, 127

156, 93, 125

85, 122, 76

Square

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

156, 93, 125

139, 107, 61

48, 126, 100

49, 119, 163

Rectangle

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

156, 93, 125

160, 96, 82

48, 126, 100

0, 125, 143

Sweetspot

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

156, 93, 125

204, 180, 192

123, 93, 156

102, 88, 95

230, 230, 230

102, 102, 102

Same Dimension

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

156, 93, 125

204, 106, 156

156, 93, 94

79, 71, 75

143, 0, 73

15, 0, 8

Inverse Universe

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

156, 93, 125

204, 106, 156

93, 156, 155

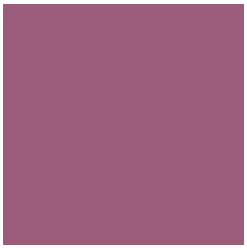
79, 71, 75

143, 0, 73

15, 0, 8

Previews

White Background

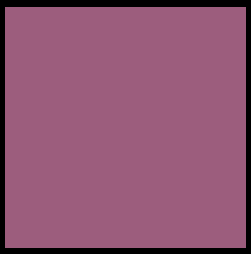


This preview shows how the RGB color 156, 93, 125 looks on a white background.

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



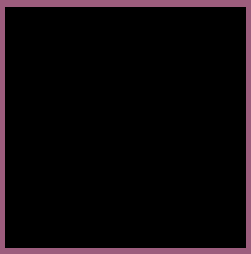
This preview shows how the RGB color 156, 93, 125 looks on a black background.

Color Contrast Check

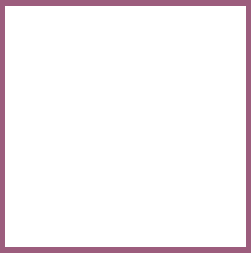
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA × Fail
Large Text (above 18pt) WCAG AAA × Fail
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the Color Contrast Checker.

RGB 156, 93, 125 Background



This preview shows how black text looks on a background with the RGB color 156, 93, 125.

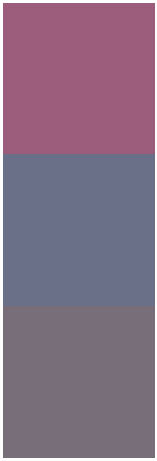


This preview shows how white text looks on a background with the RGB color 156, 93, 125.

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



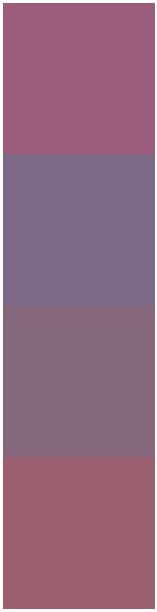
Original Color
156, 93, 125

Protanopia
107, 112, 137

Deuteranopia
120, 110, 122

Tritanopia
154, 97, 104

Trichromacy



Original Color
156, 93, 125

Protanomaly
125, 105, 133

Deuteranomaly
133, 104, 123

Tritanomaly
155, 96, 112

Monochromacy

Original Color
156, 93, 125

Achromatopsia
115, 115, 115

Achromatomaly
130, 107, 119

CSS Examples

Text

The CSS property to change the color of the text to RGB 156, 93, 125 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(156, 93, 125) looks like.

```
.text, #text, p{
    color:rgb(156, 93, 125)
}
```

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(156, 93, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 93, 125) }
```

Border

The CSS property to change the border of an element to RGB 156, 93, 125 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(156, 93, 125) }
```

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

```
.border{ border-color:rgb(156, 93, 125) }
```

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

Here you see how a box with a 4 pixel rgb(156, 93, 125) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(156, 93, 125); -webkit-box-shadow:4px 4px 4px 4px rgb(156, 93, 125); box-shadow:4px 4px 4px 4px rgb(156, 93, 125) }
```

Background

The CSS property to change the background color of an element to RGB 156, 93, 125 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(156, 93, 125) }
```

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

```
.background{ background-color:rgb(156, 93,
125) }
```

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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