Converting Colors

RGB(147, 77, 112)

Have a look what the booklet for RGB(147, 77, 112) contains.

Color

RGB(147, 77, 112)

Conversions

Conversions Part 1

Format	Color
Hex	934D70
RGB	147, 77, 112
RGB Percent	58%, 30%, 44%
CMY	0.4235, 0.6980, 0.5608
CMYK	0.00, 0.48, 0.24, 0.42
HSL	330°, 31%, 44%
HSV	330°, 48%, 58%
XYZ	17.6111, 12.6807, 16.8486
YIQ	101.9200, 30.4850, 25.7250

Conversions

Conversions Part 2

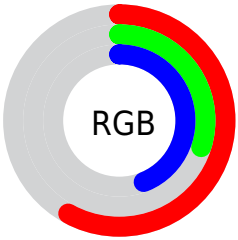
Format	Color
RYB	147, 77, 112
Decimal	9653616
CIELab	42.28, 33.85, -6.89
CIELCh	42, 34.545, 348.488
Yxy	12.6807, 0.3736, 0.2690
Android (android.graphics.Color)	4287843696 (0xFF934D70)
YUV	101.9200, 4.9694, 39.5352
Hunter-Lab	35.6099, 25.9611, -3.1258

Details

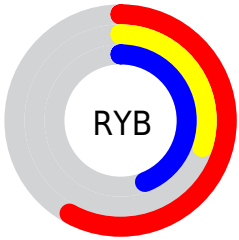
The RGB color 147, 77, 112 is a dark color, and the websafe version is hex 993366. A complement of this color would be 77, 147, 112, and the grayscale version is 102, 102, 102.

A 20% lighter version of the original color is 203, 128, 164, and 94, 28, 64 is the 20% darker color. If you saturate the color by 10%, you get 147, 62, 105, and if you desaturate by 10%, it is 147, 92, 119.

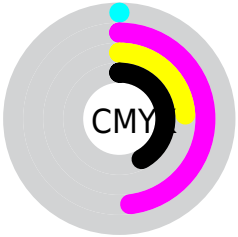
Distribution



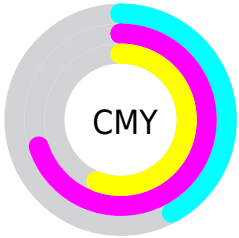
- Red (58%)
- Green (30%)
- Blue (44%)



- Red (58%)
- Yellow (30%)
- Blue (44%)



- Cyan (0%)
- Magenta (48%)
- Yellow (24%)
- Black (42%)



- Cyan (42%)
- Magenta (70%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the RGB color 147, 77, 112 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 147, 77, 112 by changing the saturation by 10% instead.

147, 77, 112	147, 77, 112
255, 255, 255	120, 53, 88
203, 128, 164	94, 28, 64
231, 154, 191	69, 1, 42
255, 182, 219	46, 0, 22
255, 210, 247	1, 0, 0
255, 238, 255	0, 0, 0

147, 77, 112	147, 77, 112
147, 62, 105	147, 92, 119
147, 48, 97	147, 106, 127

147, 33, 90

147, 18, 83

147, 4, 75

147, 0, 74

147, 121, 134

147, 136, 141

147, 151, 149

147, 165, 156

147, 180, 163

147, 195, 171

147, 209, 178

Harmonies

Analogous

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

124, 85, 138

147, 77, 112

153, 76, 83

Triad

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

147, 77, 112

99, 104, 44

0, 112, 142

Complementary

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

147, 77, 112

77, 147, 112

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, 114, 117

147, 77, 112

66, 110, 61

Square

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

147, 77, 112

126, 94, 43

8, 114, 87

0, 106, 155

Rectangle

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

147, 77, 112

149, 81, 66

8, 114, 87

0, 113, 134

Sweetspot

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

147, 77, 112

191, 164, 178

112, 77, 147

97, 80, 89

224, 224, 224

97, 97, 97

Same Dimension

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

147, 77, 112

191, 82, 137

147, 77, 77

74, 67, 70

138, 0, 69

10, 0, 5

Inverse Universe

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

147, 77, 112

191, 82, 137

77, 147, 147

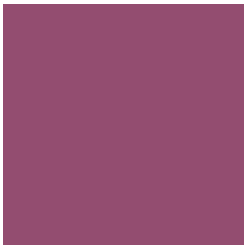
74, 67, 70

138, 0, 69

10, 0, 5

Previews

White Background

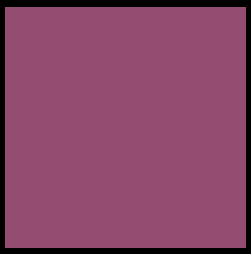


This preview shows how the RGB color 147, 77, 112 looks on a white background.

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



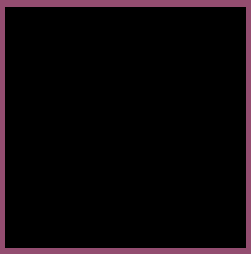
This preview shows how the RGB color 147, 77, 112 looks on a black background.

Color Contrast Check

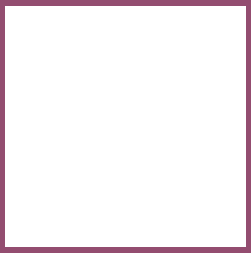
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA × Fail
Large Text (above 18pt) WCAG AAA × Fail
Any Text WCAG AAA × Fail

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

RGB 147, 77, 112 Background



This preview shows how black text looks on a background with the RGB color 147, 77, 112.



This preview shows how white text looks on a background with the RGB color 147, 77, 112.

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

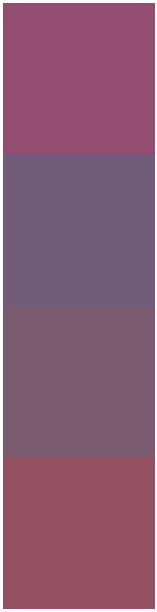
Original Color
147, 77, 112

Protanopia
93, 99, 127

Deuteranopia
106, 97, 109

Tritanopia
145, 82, 88

Trichromacy



Original Color
147, 77, 112

Protanomaly
113, 91, 122

Deuteranomaly
121, 90, 110

Tritanomaly
146, 80, 97

Monochromacy

Original Color
147, 77, 112

Achromatopsia
102, 102, 102

Achromatomaly
118, 93, 106

CSS Examples

Text

The CSS property to change the color of the text to RGB 147, 77, 112 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(147, 77, 112) looks like.

```
.text, #text, p{
    color:rgb(147, 77, 112)
}
```

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(147, 77, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 77, 112) }
```

Border

The CSS property to change the border of an element to RGB 147, 77, 112 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(147, 77, 112) }
```

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

```
.border{ border-color:rgb(147, 77, 112) }
```

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

Here you see how a box with a 4 pixel rgb(147, 77, 112) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(147, 77, 112); -webkit-box-shadow:4px 4px 4px 4px rgb(147, 77, 112); box-shadow:4px 4px 4px 4px rgb(147, 77, 112) }
```

Background

The CSS property to change the background color of an element to RGB 147, 77, 112 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(147, 77, 112) }
```

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

```
.background{ background-color:rgb(147, 77,
112) }
```

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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