Converting Colors

RGB(128, 77, 117)

Have a look what the booklet for RGB(128, 77, 117) contains.

Color

RGB(128, 77, 117)

Conversions

Format	Color
Hex	804D75
RGB	128, 77, 117
RGB Percent	50%, 30%, 46%
CMY	0.4980, 0.6980, 0.5412
CMYK	0.00, 0.40, 0.09, 0.50
HSL	313°, 25%, 40%
HSV	313°, 40%, 50%
XYZ	14.7669, 11.1813, 18.2095
YIQ	96.8090, 17.5560, 23.2520

Conversions Part 1

Conversions

Conversions Part 2

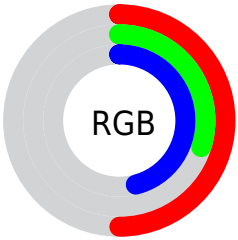
Format	Color
RYB	128, 77, 117
Decimal	8408437
CIELab	39.88, 27.91, -13.84
CIELCh	40, 31.156, 333.631
Yxy	11.1813, 0.3344, 0.2532
Android (android.graphics.Color)	4286598517 (0xFF804D75)
YUV	96.8090, 9.9542, 27.3545
Hunter-Lab	33.4385, 20.3106, -8.8805

Details

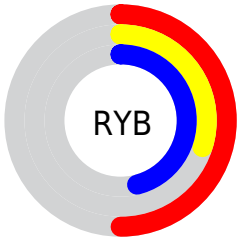
The RGB color 128, 77, 117 is a dark color, and the websafe version is hex 996699. A complement of this color would be 77, 128, 88, and the grayscale version is 97, 97, 97.

A 20% lighter version of the original color is 182, 127, 169, and 77, 30, 69 is the 20% darker color. If you saturate the color by 10%, you get 128, 64, 114, and if you desaturate by 10%, it is 128, 90, 120.

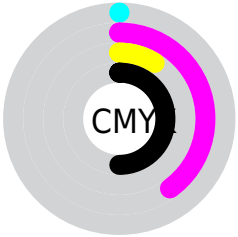
Distribution



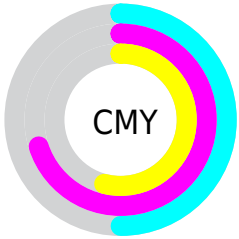
- Red (50%)
- Green (30%)
- Blue (46%)



- Red (50%)
- Yellow (30%)
- Blue (46%)



- Cyan (0%)
- Magenta (40%)
- Yellow (9%)
- Black (50%)



- Cyan (50%)
- Magenta (70%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the RGB color 128, 77, 117 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 128, 77, 117 by changing the saturation by 10% instead.

128, 77, 117	128, 77, 117
255, 255, 255	102, 53, 92
182, 127, 169	77, 30, 69
210, 153, 196	53, 7, 46
238, 180, 224	35, 0, 26
255, 208, 253	0, 0, 0
255, 237, 255	

128, 77, 117	128, 77, 117
128, 64, 114	128, 90, 120
128, 51, 111	128, 103, 123

128, 39, 109

128, 26, 106

128, 13, 103

128, 0, 100

128, 0, 100

128, 115, 125

128, 128, 128

128, 141, 131

128, 154, 134

128, 167, 136

128, 179, 139

128, 192, 142

Harmonies

Analogous

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

100, 86, 136

128, 77, 117

141, 73, 92

Triad

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

128, 77, 117

106, 94, 42

0, 106, 121

Complementary

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

128, 77, 117

77, 128, 88

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, 107, 96

128, 77, 117

80, 101, 50

Square

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

128, 77, 117

127, 85, 49

47, 105, 70

0, 103, 139

Rectangle

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

128, 77, 117

142, 74, 75

47, 105, 70

0, 107, 114

Sweetspot

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

128, 77, 117

166, 146, 161

87, 77, 128

84, 72, 82

212, 212, 212

84, 84, 84

Same Dimension

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

128, 77, 117

166, 86, 149

128, 77, 92

64, 57, 62

128, 0, 100

0, 0, 0

Inverse Universe

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

128, 77, 117

166, 86, 149

77, 128, 113

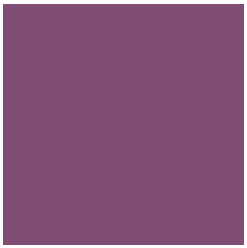
64, 57, 62

128, 0, 100

0, 0, 0

Previews

White Background

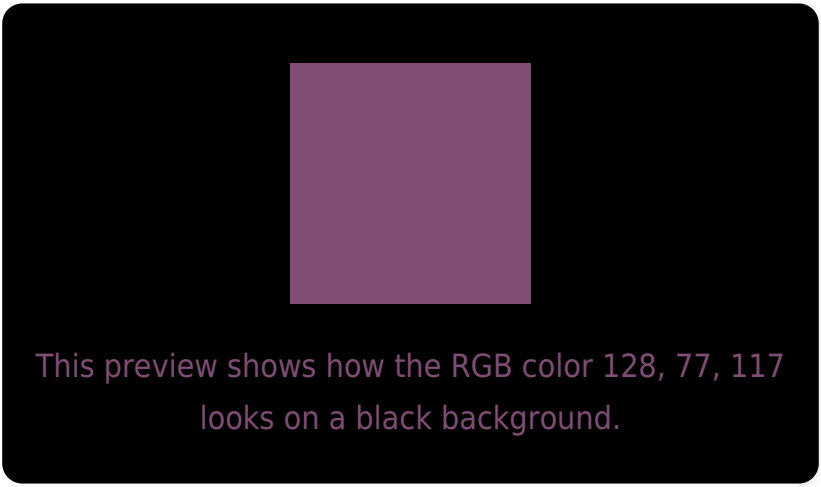


This preview shows how the RGB color 128, 77, 117 looks on a white background.

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

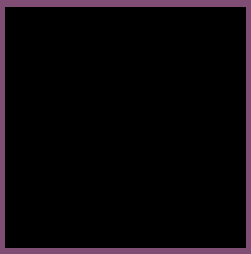


Color Contrast Check

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 128, 77, 117 Background



This preview shows how black text looks on a background with the RGB color 128, 77, 117.

This preview shows how white text looks on a background with the RGB color 128, 77, 117.

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
128, 77, 117

Protanopia
84, 93, 129

Deuteranopia
94, 92, 114

Tritanopia
125, 83, 89

Trichromacy

Original Color
128, 77, 117

Protanomaly
100, 87, 125

Deuteranomaly
106, 87, 115

Tritanomaly
126, 81, 99

Monochromacy

Original Color
128, 77, 117

Achromatopsia
97, 97, 97

Achromatomaly
108, 90, 104

CSS Examples

Text

The CSS property to change the color of the text to RGB 128, 77, 117 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(128, 77, 117) looks like.

```
.text, #text, p{
    color:rgb(128, 77, 117)
}
```

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(128, 77, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 77, 117) }
```

Border

The CSS property to change the border of an element to RGB 128, 77, 117 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(128, 77, 117) }
```

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

```
.border{ border-color:rgb(128, 77, 117) }
```

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

Here you see how a box with a 4 pixel rgb(128, 77, 117) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(128, 77, 117); -webkit-box-shadow:4px 4px 4px 4px rgb(128, 77, 117); box-shadow:4px 4px 4px 4px rgb(128, 77, 117) }
```

Background

The CSS property to change the background color of an element to RGB 128, 77, 117 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(128, 77, 117) }
```

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

```
.background{ background-color:rgb(128, 77,
117) }
```

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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