Converting Colors

RGB(124, 86, 124)

Have a look what the booklet for RGB(124, 86, 124) contains.

Color

RGB(124, 86, 124)

Conversions

Conversions Part 1

Format	Color
Hex	7C567C
RGB	124, 86, 124
RGB Percent	49%, 34%, 49%
CMY	0.5137, 0.6627, 0.5137
CMYK	0.00, 0.31, 0.00, 0.51
HSL	300°, 18%, 41%
HSV	300°, 31%, 49%
XYZ	15.2781, 12.3959, 20.6562
YIQ	101.6940, 10.4500, 19.8740

Conversions

Conversions Part 2

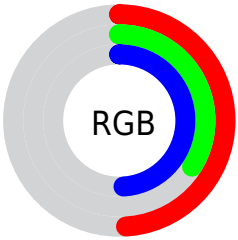
Format	Color
RYB	124, 86, 124
Decimal	8148604
CIELab	41.84, 22.56, -15.20
CIELCh	42, 27.199, 326.030
Yxy	12.3959, 0.3161, 0.2565
Android (android.graphics.Color)	4286338684 (0xFF7C567C)
YUV	101.6940, 10.9969, 19.5624
Hunter-Lab	35.2078, 15.8445, -10.1396

Details

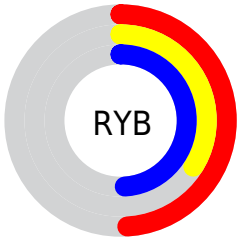
The RGB color 124, 86, 124 is a dark color, and the websafe version is hex 996699. A complement of this color would be 86, 124, 86, and the grayscale version is 102, 102, 102.

A 20% lighter version of the original color is 177, 136, 177, and 74, 40, 75 is the 20% darker color. If you saturate the color by 10%, you get 124, 74, 124, and if you desaturate by 10%, it is 124, 98, 124.

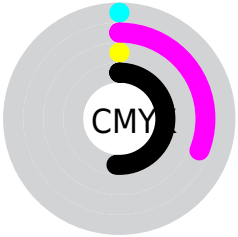
Distribution



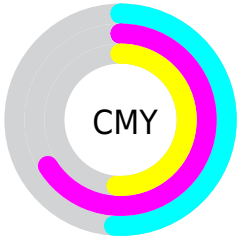
- Red (49%)
- Green (34%)
- Blue (49%)



- Red (49%)
- Yellow (34%)
- Blue (49%)



- Cyan (0%)
- Magenta (31%)
- Yellow (0%)
- Black (51%)



- Cyan (51%)
- Magenta (66%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the RGB color 124, 86, 124 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 124, 86, 124 by changing the saturation by 10% instead.

124, 86, 124	124, 86, 124
255, 255, 255	99, 62, 99
177, 136, 177	74, 40, 75
205, 163, 204	51, 18, 52
233, 190, 232	32, 0, 31
255, 218, 255	0, 0, 3
255, 246, 255	0, 0, 0

124, 86, 124	124, 86, 124
124, 74, 124	124, 98, 124
124, 61, 124	124, 111, 124

124, 49, 124

124, 36, 124

124, 24, 124

124, 12, 124

124, 0, 124

124, 123, 124

124, 136, 124

124, 148, 124

124, 160, 124

124, 173, 124

124, 185, 124

124, 198, 124

Harmonies

Analogous

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

97, 94, 139

124, 86, 124

139, 81, 103

Triad

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

124, 86, 124

116, 96, 54

0, 110, 118

Complementary

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

124, 86, 124

86, 124, 86

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.

34, 110, 95

124, 86, 124

93, 103, 58

Square

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

124, 86, 124

133, 89, 62

67, 108, 73

5, 107, 135

Rectangle

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

124, 86, 124

142, 81, 87

67, 108, 73

0, 111, 110

Sweetspot

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

124, 86, 124

161, 146, 161

86, 86, 124

82, 73, 82

209, 209, 209

82, 82, 82

Same Dimension

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

124, 86, 124

161, 101, 161

124, 86, 105

61, 55, 61

125, 0, 125

252, 0, 252

Inverse Universe

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

124, 86, 124

161, 101, 161

86, 124, 105

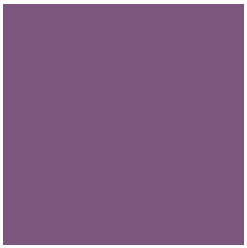
61, 55, 61

125, 0, 125

252, 0, 252

Previews

White Background



This preview shows how the RGB color 124, 86, 124 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

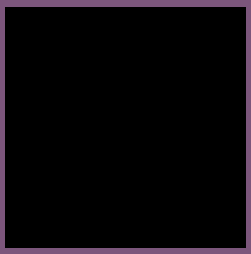
Black Background

Color Contrast Check

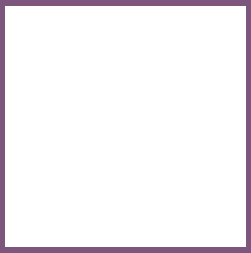
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA × Fail
Large Text (above 18pt) WCAG AAA × Fail
Any Text WCAG AAA × Fail

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

RGB 124, 86, 124 Background



This preview shows how black text looks on a background with the RGB color 124, 86, 124.



This preview shows how white text looks on a background with the RGB color 124, 86, 124.

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
124, 86, 124

Protanopia
89, 98, 133

Deuteranopia
97, 97, 122

Tritanopia
121, 91, 98

Trichromacy

Original Color
124, 86, 124

Protanomaly
102, 94, 130

Deuteranomaly
107, 93, 123

Tritanomaly
122, 89, 107

Monochromacy

Original Color
124, 86, 124

Achromatopsia
102, 102, 102

Achromatomaly
110, 96, 110

CSS Examples

Text

The CSS property to change the color of the text to RGB 124, 86, 124 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(124, 86, 124) looks like.

```
.text, #text, p{
    color:rgb(124, 86, 124)
}
```

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(124, 86, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 86, 124) }
```

Border

The CSS property to change the border of an element to RGB 124, 86, 124 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(124, 86, 124) }
```

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

```
.border{ border-color:rgb(124, 86, 124) }
```

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

Here you see how a box with a 4 pixel rgb(124, 86, 124) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(124, 86, 124); -webkit-box-shadow:4px 4px 4px 4px rgb(124, 86, 124); box-shadow:4px 4px 4px 4px rgb(124, 86, 124) }
```

Background

The CSS property to change the background color of an element to RGB 124, 86, 124 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(124, 86, 124) }
```

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

```
.background{ background-color:rgb(124, 86,
124) }
```

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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