Converting Colors

RGB(168, 124, 142)

Have a look what the booklet for RGB(168, 124, 142) contains.

Color

RGB(168, 124, 142)

Conversions

Conversions Part 1

Format	Color
Hex	A87C8E
RGB	168, 124, 142
RGB Percent	66%, 49%, 56%
CMY	0.3412, 0.5137, 0.4431
CMYK	0.00, 0.26, 0.15, 0.34
HSL	335°, 20%, 57%
HSV	335°, 26%, 66%
XYZ	28.2386, 24.6931, 28.8691
YIQ	139.2080, 20.4460, 14.9260

Conversions

Conversions Part 2

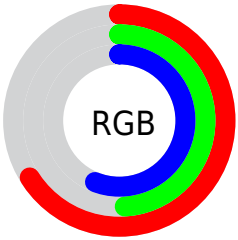
Format	Color
RYB	168, 124, 142
Decimal	11041934
CIELab	56.78, 19.95, -3.01
CIELCh	57, 20.175, 351.416
Yxy	24.6931, 0.3452, 0.3019
Android (android.graphics.Color)	4289232014 (0xFFA87C8E)
YUV	139.2080, 1.3765, 25.2506
Hunter-Lab	49.6922, 14.4749, 0.3395

Details

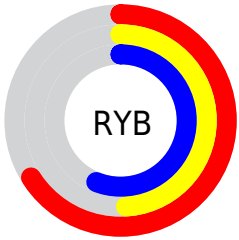
The RGB color 168, 124, 142 is a dark color, and the websafe version is hex 996666. A complement of this color would be 124, 168, 150, and the grayscale version is 139, 139, 139.

A 20% lighter version of the original color is 224, 177, 196, and 115, 75, 92 is the 20% darker color. If you saturate the color by 10%, you get 168, 107, 132, and if you desaturate by 10%, it is 168, 141, 152.

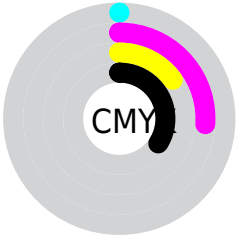
Distribution



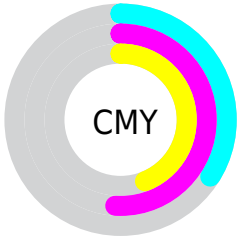
- Red (66%)
- Green (49%)
- Blue (56%)



- Red (66%)
- Yellow (49%)
- Blue (56%)



- Cyan (0%)
- Magenta (26%)
- Yellow (15%)
- Black (34%)



- Cyan (34%)
- Magenta (51%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the RGB color 168, 124, 142 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 168, 124, 142 by changing the saturation by 10% instead.

168, 124, 142

255, 255, 255

224, 177, 196

253, 204, 224

255, 233, 252

168, 124, 142

141, 99, 116

115, 75, 92

90, 52, 68

66, 29, 46

43, 8, 26

15, 0, 0

0, 0, 0

168, 124, 142

168, 107, 132

168, 124, 142

168, 141, 152

168, 90, 122

168, 74, 112

168, 57, 102

168, 40, 92

168, 23, 82

168, 6, 73

168, 0, 69

168, 158, 162

168, 174, 172

168, 191, 182

168, 208, 192

168, 225, 202

168, 242, 211

168, 255, 221

168, 255, 231

Harmonies

Analogous

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

154, 128, 158

168, 124, 142

172, 124, 124

Triad

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

168, 124, 142

136, 139, 103

90, 144, 163

Complementary

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

168, 124, 142

124, 168, 150

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.

86, 146, 148

168, 124, 142

116, 143, 114

Square

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

168, 124, 142

154, 133, 102

97, 146, 130

108, 139, 171

Rectangle

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

168, 124, 142

170, 126, 114

97, 146, 130

87, 145, 159

Sweetspot

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

168, 124, 142

219, 202, 209

150, 124, 168

110, 99, 103

237, 237, 237

110, 110, 110

Same Dimension

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

168, 124, 142

219, 151, 179

168, 128, 124

84, 76, 79

148, 0, 61

20, 0, 8

Inverse Universe

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

168, 124, 142

219, 151, 179

124, 164, 168

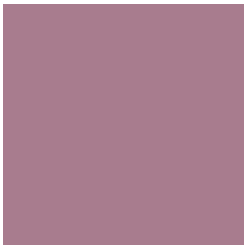
84, 76, 79

148, 0, 61

20, 0, 8

Previews

White Background

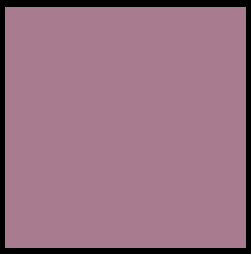


This preview shows how the RGB color 168, 124, 142 looks on a white background.

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



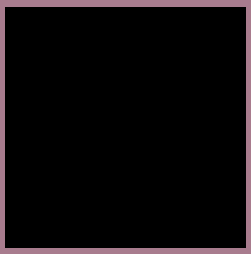
This preview shows how the RGB color 168, 124, 142 looks on a black background.

Color Contrast Check

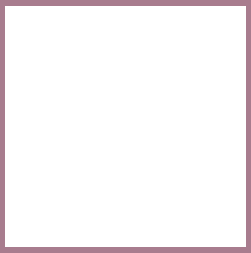
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✕ Fail

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

RGB 168, 124, 142 Background



This preview shows how black text looks on a background with the RGB color 168, 124, 142.

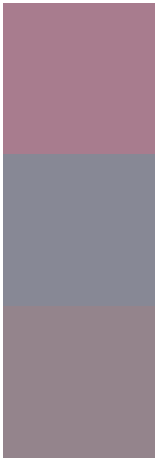


This preview shows how white text looks on a background with the RGB color 168, 124, 142.

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



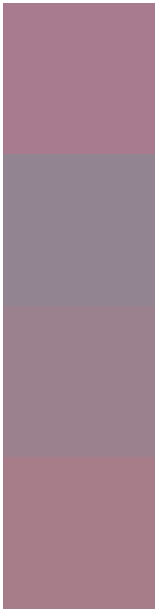
Original Color
168, 124, 142

Protanopia
135, 136, 149

Deuteranopia
148, 132, 140

Tritanopia
167, 125, 135

Trichromacy



Original Color
168, 124, 142

Protanomaly
147, 132, 146

Deuteranomaly
155, 129, 141

Tritanomaly
167, 125, 138

Monochromacy

Original Color
168, 124, 142

Achromatopsia
139, 139, 139

Achromatomaly
150, 134, 140

CSS Examples

Text

The CSS property to change the color of the text to RGB 168, 124, 142 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(168, 124, 142) looks like.

```
.text, #text, p{
    color:rgb(168, 124, 142)
}
```

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(168, 124, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 124, 142) }
```

Border

The CSS property to change the border of an element to RGB 168, 124, 142 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(168, 124, 142) }
```

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

```
.border{ border-color:rgb(168, 124, 142) }
```

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

Here you see how a box with a 4 pixel rgb(168, 124, 142) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(168, 124, 142); -webkit-box-shadow:4px 4px 4px 4px rgb(168, 124, 142); box-shadow:4px 4px 4px 4px rgb(168, 124, 142) }
```

Background

The CSS property to change the background color of an element to RGB 168, 124, 142 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(168, 124, 142) }
```

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

```
.background{ background-color:rgb(168,
124, 142) }
```

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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