Converting Colors

RGB(164, 135, 153)

Have a look what the booklet for RGB(164, 135, 153) contains.

Color

RGB(164, 135, 153)

Conversions

Conversions Part 1

Format	Color
Hex	A48799
RGB	164, 135, 153
RGB Percent	64%, 53%, 60%
CMY	0.3569, 0.4706, 0.4000
CMYK	0.00, 0.18, 0.07, 0.36
HSL	323°, 14%, 59%
HSV	323°, 18%, 64%
XYZ	29.7236, 27.5204, 33.8824
YIQ	145.7230, 11.5060, 11.7460

Conversions

Conversions Part 2

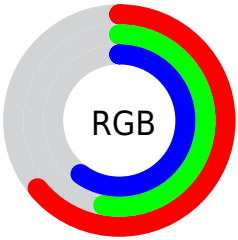
Format	Color
RYB	164, 135, 153
Decimal	10782617
CIELab	59.45, 14.16, -5.44
CIELCh	59, 15.164, 338.984
Yxy	27.5204, 0.3262, 0.3020
Android (android.graphics.Color)	4288972697 (0xFFA48799)
YUV	145.7230, 3.5876, 16.0289
Hunter-Lab	52.4599, 9.3328, -1.5718

Details

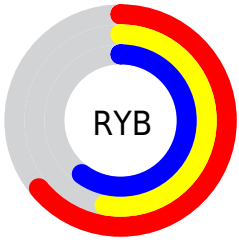
The RGB color 164, 135, 153 is a light color, and the websafe version is hex 999999. A complement of this color would be 135, 164, 146, and the grayscale version is 146, 146, 146.

A 20% lighter version of the original color is 219, 188, 207, and 112, 85, 102 is the 20% darker color. If you saturate the color by 10%, you get 164, 119, 147, and if you desaturate by 10%, it is 164, 151, 159.

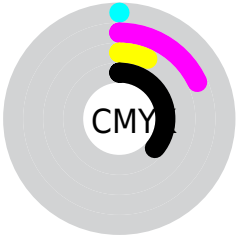
Distribution



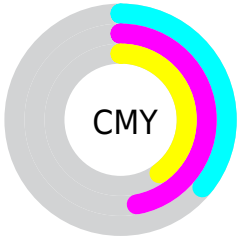
- Red (64%)
- Green (53%)
- Blue (60%)



- Red (64%)
- Yellow (53%)
- Blue (60%)



- Cyan (0%)
- Magenta (18%)
- Yellow (7%)
- Black (36%)



- Cyan (36%)
- Magenta (47%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the RGB color 164, 135, 153 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 164, 135, 153 by changing the saturation by 10% instead.

164, 135, 153	164, 135, 153
255, 255, 255	138, 110, 127
219, 188, 207	112, 85, 102
248, 216, 236	87, 62, 78
255, 245, 255	64, 40, 55
	41, 19, 34
	22, 0, 11
	0, 0, 0

164, 135, 153	164, 135, 153
164, 119, 147	164, 151, 159

164, 102, 141	164, 168, 165
164, 86, 134	164, 184, 172
164, 69, 128	164, 201, 178
164, 53, 122	164, 217, 184
164, 37, 116	164, 233, 190
164, 20, 109	164, 250, 197
164, 4, 103	164, 255, 203
164, 0, 102	164, 255, 209

Harmonies

Analogous

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

151, 138, 164

164, 135, 153

171, 134, 140

Triad

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

164, 135, 153

149, 144, 117

108, 150, 159

Complementary

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

164, 135, 153

135, 164, 146

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.

110, 151, 147

164, 135, 153

134, 147, 122

Square

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

164, 135, 153

162, 139, 119

120, 150, 133

117, 147, 168

Rectangle

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

164, 135, 153

171, 135, 131

120, 150, 133

108, 150, 156

Sweetspot

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

164, 135, 153

214, 203, 210

146, 135, 164

107, 101, 105

235, 235, 235

107, 107, 107

Same Dimension

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

164, 135, 153

214, 169, 197

164, 135, 139

82, 73, 79

145, 0, 90

18, 0, 11

Inverse Universe

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

164, 135, 153

214, 169, 197

135, 164, 160

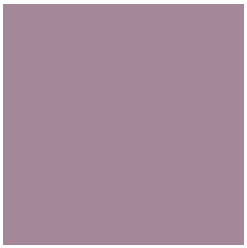
82, 73, 79

145, 0, 90

18, 0, 11

Previews

White Background

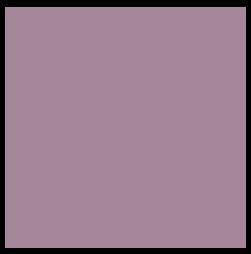


This preview shows how the RGB color 164, 135, 153 looks on a white background.

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



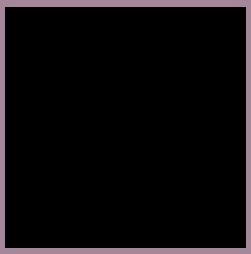
This preview shows how the RGB color 164, 135, 153 looks on a black background.

Color Contrast Check

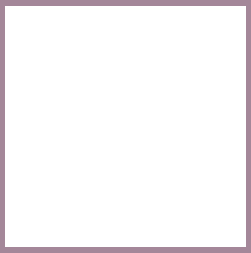
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✕ Fail

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

RGB 164, 135, 153 Background



This preview shows how black text looks on a background with the RGB color 164, 135, 153.

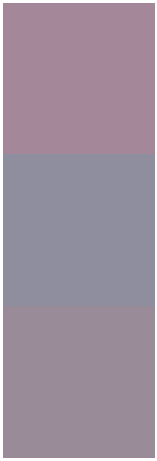


This preview shows how white text looks on a background with the RGB color 164, 135, 153.

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



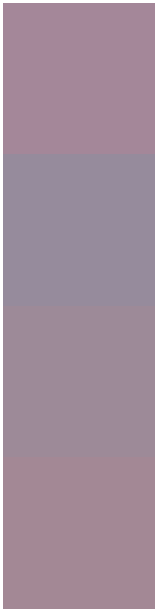
Original Color
164, 135, 153

Protanopia
142, 142, 158

Deuteranopia
153, 139, 152

Tritanopia
163, 136, 147

Trichromacy



Original Color
164, 135, 153

Protanomaly
150, 139, 156

Deuteranomaly
157, 138, 152

Tritanomaly
163, 136, 149

Monochromacy

Original Color
164, 135, 153

Achromatopsia
146, 146, 146

Achromatomaly
153, 142, 149

CSS Examples

Text

The CSS property to change the color of the text to RGB 164, 135, 153 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(164, 135, 153) looks like.

```
.text, #text, p{
    color:rgb(164, 135, 153)
}
```

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(164, 135, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 135, 153) }
```

Border

The CSS property to change the border of an element to RGB 164, 135, 153 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(164, 135, 153) }
```

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

```
.border{ border-color:rgb(164, 135, 153) }
```

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

Here you see how a box with a 4 pixel rgb(164, 135, 153) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(164, 135, 153); -webkit-box-shadow:4px 4px 4px 4px rgb(164, 135, 153); box-shadow:4px 4px 4px 4px rgb(164, 135, 153) }
```

Background

The CSS property to change the background color of an element to RGB 164, 135, 153 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(164, 135, 153) }
```

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

```
.background{ background-color:rgb(164,
135, 153) }
```

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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