Converting Colors

RGB(164, 151, 128)

Have a look what the booklet for RGB(164, 151, 128) contains.

Color

RGB(164, 151, 128)

Conversions

Conversions Part 1

Format	Color
Hex	A49780
RGB	164, 151, 128
RGB Percent	64%, 59%, 50%
CMY	0.3569, 0.4078, 0.4980
CMYK	0.00, 0.08, 0.22, 0.36
HSL	38°, 17%, 57%
HSV	38°, 22%, 64%
XYZ	30.2727, 31.5842, 24.9229
YIQ	152.2650, 15.1310, -4.3970

Conversions

Conversions Part 2

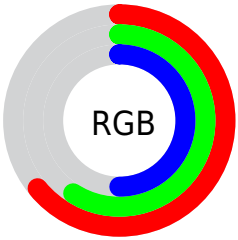
Format	Color
RYB	148, 164, 128
Decimal	10786688
CIELab	63.00, 0.95, 13.86
CIELCh	63, 13.894, 86.065
Yxy	31.5842, 0.3488, 0.3640
Android (android.graphics.Color)	4288976768 (0xFFA49780)
YUV	152.2650, -11.9626, 10.2916
Hunter-Lab	56.1999, -2.1986, 13.0466

Details

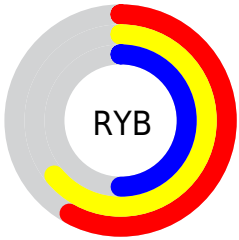
The RGB color 164, 151, 128 is a light color, and the websafe version is hex 999999. A complement of this color would be 128, 141, 164, and the grayscale version is 152, 152, 152.

A 20% lighter version of the original color is 219, 205, 181, and 112, 100, 79 is the 20% darker color. If you saturate the color by 10%, you get 164, 145, 112, and if you desaturate by 10%, it is 164, 157, 144.

Distribution

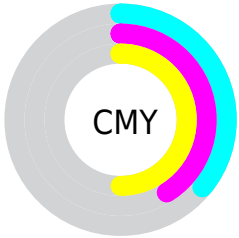


- Red (64%)
- Green (59%)
- Blue (50%)



- Red (58%)
- Yellow (64%)
- Blue (50%)

- Cyan (0%)
- Magenta (8%)
- Yellow (22%)
- Black (36%)



- Cyan (36%)
- Magenta (41%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the RGB color 164, 151, 128 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, 151, 128 by changing the saturation by 10% instead.

164, 151, 128	164, 151, 128
255, 255, 255	138, 125, 103
219, 205, 181	112, 100, 79
248, 233, 208	87, 76, 56
255, 255, 237	63, 54, 34
	41, 33, 13
	18, 10, 0
	0, 0, 0

164, 151, 128	164, 151, 128
164, 145, 112	164, 157, 144

164, 139, 95

164, 133, 79

164, 127, 62

164, 121, 46

164, 115, 30

164, 110, 13

164, 105, 0

164, 163, 161

164, 169, 177

164, 175, 194

164, 181, 210

164, 187, 226

164, 192, 243

164, 198, 255

164, 204, 255

Harmonies

Analogous

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

174, 147, 132

164, 151, 128

151, 155, 130

Triad

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

164, 151, 128

120, 159, 163

167, 146, 166

Complementary

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

164, 151, 128

128, 141, 164

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.

153, 150, 175

164, 151, 128

125, 157, 172

Square

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

164, 151, 128

125, 160, 150

137, 154, 177

176, 144, 155

Rectangle

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

164, 151, 128

141, 157, 135

137, 154, 177

163, 147, 170

Sweetspot

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

164, 151, 128

214, 209, 199

164, 128, 141

107, 104, 99

235, 235, 235

107, 107, 107

Same Dimension

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

164, 151, 128

214, 194, 159

159, 164, 128

82, 79, 73

145, 93, 0

18, 11, 0

Inverse Universe

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

128, 141, 164

159, 179, 214

133, 128, 164

73, 76, 82

0, 52, 145

0, 6, 18

Previews

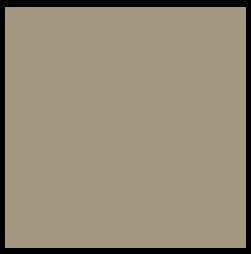
White Background

This preview shows how the RGB color 164, 151, 128 looks on a white background.

Color Contrast Check

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

Black Background



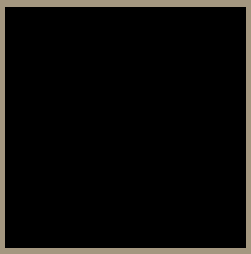
This preview shows how the RGB color 164, 151, 128 looks on a black background.

Color Contrast Check

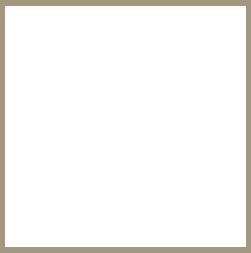
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✓ Pass

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

RGB 164, 151, 128 Background



This preview shows how black text looks on a background with the RGB color 164, 151, 128.



This preview shows how white text looks on a background with the RGB color 164, 151, 128.

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

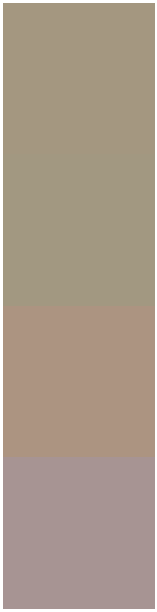
Original Color
164, 151, 128

Protanopia
161, 152, 129

Deuteranopia
176, 147, 129

Tritanopia
168, 147, 158

Trichromacy



Original Color
164, 151, 128

Protanomaly
162, 152, 129

Deuteranomaly
172, 148, 129

Tritanomaly
167, 148, 147

Monochromacy

Original Color
164, 151, 128

Achromatopsia
152, 152, 152

Achromatomaly
156, 152, 143

CSS Examples

Text

The CSS property to change the color of the text to RGB 164, 151, 128 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, 151, 128) looks like.

```
.text, #text, p{
    color:rgb(164, 151, 128)
}
```

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, 151, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 151, 128) }
```

Border

The CSS property to change the border of an element to RGB 164, 151, 128 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, 151, 128) }
```

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

```
.border{ border-color:rgb(164, 151, 128) }
```

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

Here you see how a box with a 4 pixel rgb(164, 151, 128) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(164, 151, 128); -webkit-box-shadow:4px 4px 4px 4px rgb(164, 151, 128); box-shadow:4px 4px 4px 4px rgb(164, 151, 128) }
```

Background

The CSS property to change the background color of an element to RGB 164, 151, 128 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(164, 151, 128) }
```

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

```
.background{ background-color:rgb(164,
151, 128) }
```

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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