

Converting Colors

RGB(178, 163, 142)

Have a look what the booklet for
RGB(178, 163, 142) contains.

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Color

RGB(178, 163, 142)

Conversions

Conversions Part 1

Format	Color
Hex	B2A38E
RGB	178, 163, 142
RGB Percent	70%, 64%, 56%
CMY	0.3020, 0.3608, 0.4431
CMYK	0.00, 0.08, 0.20, 0.30
HSL	35°, 19%, 63%
HSV	35°, 20%, 70%
XYZ	36.3398, 37.6124, 30.9358
YIQ	165.0910, 15.6810, -3.3510

Conversions

Conversions Part 2

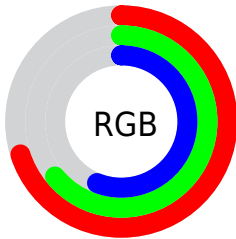
Format	Color
R_{YB}	168, 178, 142
Decimal	11707278
CIELab	67.73, 1.98, 12.89
CIElCh	68, 13.038, 81.283
Yxy	37.6124, 0.3465, 0.3586
Android (android.graphics.Color)	4289897358 (0xFFB2A38E)
YUV	165.0910, -11.3839, 11.3212
Hunter-Lab	61.3289, -1.5574, 13.0229

Details

The RGB color **178, 163, 142** is a light color, and the websafe version is hex **999999**. A complement of this color would be **142, 157, 178**, and the grayscale version is **165, 165, 165**.

A 20% lighter version of the original color is **234, 218, 196**, and **125, 111, 92** is the 20% darker color. If you saturate the color by 10%, you get **178, 156, 124**, and if you desaturate by 10%, it is **178, 170, 160**.

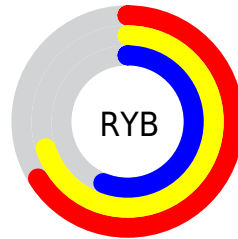
Distribution



Red (70%)

Green (64%)

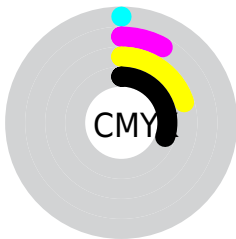
Blue (56%)



Red (66%)

Yellow (70%)

Blue (56%)

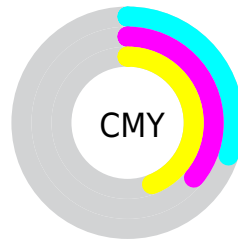


Cyan (0%)

Magenta (8%)

Yellow (20%)

Black (30%)



Cyan (30%)

Magenta (36%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the RGB color 178, 163, 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 178, 163, 142 by changing the saturation by 10% instead.

 178, 163, 142

255, 255, 255

 234, 218, 196

 255, 246, 224

255, 255, 252

 178, 163, 142

 151, 137, 116

 125, 111, 92

 100, 87, 68

 76, 64, 46

 52, 42, 25

 32, 21, 0

 0, 0, 0

 178, 163, 142


 178, 156, 124


 178, 163, 142


 178, 170, 160

 178, 148, 106


 178, 178, 178

 178, 141, 89


 178, 185, 195

 178, 133, 71


 178, 193, 213

 178, 126, 53

 178, 200, 231

 178, 118, 35

 178, 208, 249

 178, 111, 17

 178, 215, 255

 178, 104, 0

 178, 222, 255

 178, 230, 255

Harmonies

Analogous

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



187, 159, 147



178, 163, 142



165, 167, 143

Triad

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



178, 163, 142



135, 172, 173



177, 159, 180

Complementary

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



178, 163, 142



142, 157, 178

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.



163, 163, 187



178, 163, 142



138, 170, 183

Square

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



178, 163, 142



141, 172, 161



148, 167, 188



187, 157, 169

Rectangle

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



178, 163, 142



156, 169, 147



148, 167, 188



173, 161, 183

Sweetspot

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



178, 163, 142



232, 226, 218



178, 142, 157



117, 114, 109



245, 245, 245



117, 117, 117

Same Dimension

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



178, 163, 142



232, 209, 176



176, 178, 142



89, 86, 80



153, 89, 0



26, 15, 0

Inverse Universe

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



142, 157, 178



176, 200, 232



145, 142, 178



80, 84, 89



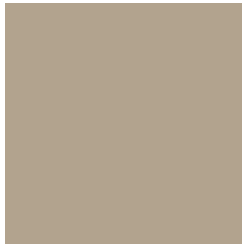
0, 64, 153



0, 11, 26

Previews

White Background



This preview shows how the RGB color 178, 163, 142 looks on a white background.

Color Contrast Check

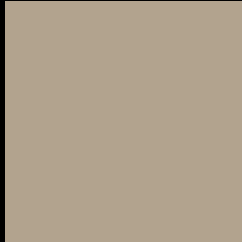
Large Text (above 18pt) WCAG AA × Fail

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 178, 163, 142 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

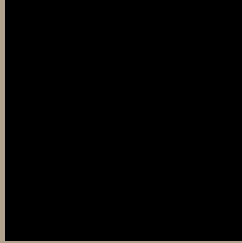
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 178, 163, 142 Background



This preview shows how black text looks on a background with the RGB color 178, 163, 142.



This preview shows how white text looks on a background with the RGB color 178, 163, 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
178, 163, 142

Protanopia
173, 165, 143

Deuteranopia
189, 159, 143



Tritanopia
182, 159, 171

Trichromacy



Original Color

178, 163, 142

Protanomaly

175, 164, 143

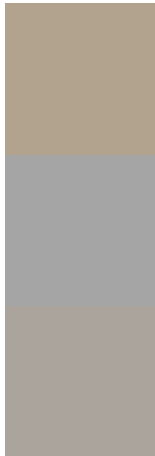
Deuteranomaly

185, 160, 143

Tritanomaly

181, 160, 160

Monochromacy



Original Color

178, 163, 142

Achromatopsia

165, 165, 165

Achromatomaly

170, 164, 157

CSS Examples

Text

The CSS property to change the color of the text to RGB 178, 163, 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(178, 163, 142) looks like.

```
.text, #text, p{  
    color:rgb(178, 163, 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(178, 163, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 163, 142) }
```

Border

The CSS property to change the border of an element to RGB 178, 163, 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(178, 163, 142) }
```

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

```
.border{ border-color:rgb(178, 163, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 163, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 163, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 163, 142);  
box-shadow:4px 4px 4px 4px rgb(178, 163,  
142) }
```

Background

The CSS property to change the background color of an element to RGB 178, 163, 142 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 163, 142) }
```

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

```
.background{ background-color: rgb(178,  
163, 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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