

Converting Colors

RGB(216, 150, 163)

Have a look what the booklet for
RGB(216, 150, 163) contains.

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Color

RGB(216, 150, 163)

Conversions

Conversions Part 1

Format	Color
Hex	D896A3
RGB	216, 150, 163
RGB Percent	85%, 59%, 64%
CMY	0.1529, 0.4118, 0.3608
CMYK	0.00, 0.31, 0.25, 0.15
HSL	348°, 46%, 72%
HSV	348°, 31%, 85%
XYZ	45.8361, 39.0560, 39.7731
YIQ	171.2160, 35.1630, 18.0350

Conversions

Conversions Part 2

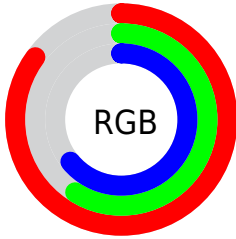
Format	Color
R _Y B	216, 150, 163
Decimal	14194339
CIE Lab	68.79, 26.61, 3.22
CIE LCh	69, 26.809, 6.908
Yxy	39.0560, 0.3677, 0.3133
Android (android.graphics.Color)	4292384419 (0xFFD896A3)
YUV	171.2160, -4.0505, 39.2756
Hunter-Lab	62.4948, 21.5530, 6.0129

Details

The RGB color **216, 150, 163** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **150, 216, 203**, and the grayscale version is **171, 171, 171**.

A 20% lighter version of the original color is **255, 205, 218**, and **160, 98, 111** is the 20% darker color. If you saturate the color by 10%, you get **216, 128, 146**, and if you desaturate by 10%, it is **216, 172, 180**.

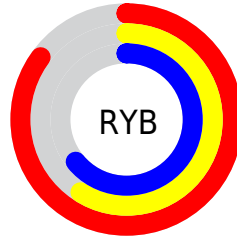
Distribution



Red (85%)

Green (59%)

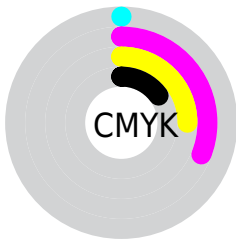
Blue (64%)



Red (85%)

Yellow (59%)

Blue (64%)

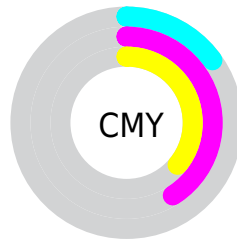


Cyan (0%)

Magenta (31%)

Yellow (25%)

Black (15%)



Cyan (15%)

Magenta (41%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the RGB color 216, 150, 163 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 216, 150, 163 by changing the saturation by 10% instead.

 216, 150, 163

 216, 150, 163

255, 255, 255

 188, 124, 137


 255, 205, 218

 160, 98, 111

 255, 233, 246

 133, 74, 87

 106, 50, 64

 81, 27, 42

 56, 4, 22

 35, 0, 1


 0, 0, 0

 216, 150, 163

 216, 150, 163

 216, 128, 146

 216, 172, 180

 216, 107, 128

 216, 193, 198

 216, 85, 111

 216, 215, 215

 216, 64, 94

 216, 236, 232

 216, 42, 76

 216, 255, 250

 216, 20, 59

 216, 255, 255

 216, 0, 43

Harmonies

Analogous

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



204, 153, 187



216, 150, 163



215, 153, 140

Triad

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



216, 150, 163



153, 175, 129



112, 175, 212

Complementary

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



216, 150, 163



150, 216, 203

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.



94, 180, 196



216, 150, 163



125, 180, 148

Square

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



216, 150, 163



180, 168, 120



102, 181, 173



145, 168, 216

Rectangle

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



216, 150, 163



207, 157, 128



102, 181, 173



104, 177, 208

Sweetspot

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



216, 150, 163



255, 232, 237



203, 150, 216



128, 113, 116



0, 0, 0



128, 128, 128

Same Dimension

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



216, 150, 163



255, 161, 179



216, 170, 150



107, 96, 98



171, 0, 34



43, 0, 9

Inverse Universe

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



216, 150, 163



255, 161, 179



150, 196, 216



107, 96, 98



171, 0, 34



43, 0, 9

Previews

White Background



This preview shows how the RGB color 216, 150, 163 looks on a white background.

Color Contrast Check

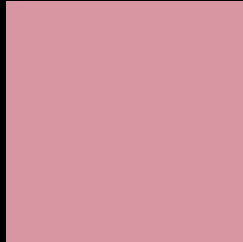
Large Text (above 18pt) WCAG AA × Fail

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 216, 150, 163 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 216, 150, 163 Background



This preview shows how black text looks on a background with the RGB color 216, 150, 163.



This preview shows how white text looks on a background with the RGB color 216, 150, 163.

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
216, 150, 163

Protanopia
170, 167, 173

Deuteranopia
187, 163, 161



Tritanopia
216, 150, 162

Trichromacy



Original Color

216, 150, 163

Protanomaly

187, 161, 169

Deuteranomaly

198, 158, 162

Tritanomaly

216, 150, 162

Monochromacy



Original Color

216, 150, 163

Achromatopsia

171, 171, 171

Achromatomaly

187, 163, 168

CSS Examples

Text

The CSS property to change the color of the text to RGB 216, 150, 163 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(216, 150, 163) looks like.

```
.text, #text, p{  
    color:rgb(216, 150, 163)  
}
```

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(216, 150, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 150, 163) }
```

Border

The CSS property to change the border of an element to RGB 216, 150, 163 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(216, 150, 163) }
```

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

```
.border{ border-color:rgb(216, 150, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 150, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 150, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 150, 163);  
box-shadow:4px 4px 4px 4px rgb(216, 150,  
163) }
```

Background

The CSS property to change the background color of an element to RGB 216, 150, 163 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 150, 163) }
```

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

```
.background{ background-color: rgb(216,  
150, 163) }
```

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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