

Converting Colors

RGB(172, 150, 181)

Have a look what the booklet for
RGB(172, 150, 181) contains.

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Color

RGB(172, 150, 181)

Conversions

Conversions Part 1

Format	Color
Hex	AC96B5
RGB	172, 150, 181
RGB Percent	67%, 59%, 71%
CMY	0.3255, 0.4118, 0.2902
CMYK	0.05, 0.17, 0.00, 0.29
HSL	283°, 17%, 65%
HSV	283°, 17%, 71%
XYZ	36.2601, 33.9195, 48.3521
YIQ	160.1120, 3.1610, 14.3050

Conversions

Conversions Part 2

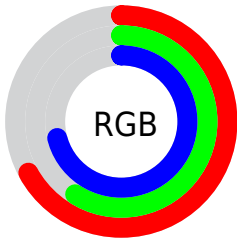
Format	Color
R_{YB}	172, 150, 181
Decimal	11310773
CIE _{Lab}	64.90, 13.93, -13.11
CIE _{LCh}	65, 19.127, 316.749
Yxy	33.9195, 0.3059, 0.2862
Android (android.graphics.Color)	4289500853 (0xFFAC96B5)
YUV	160.1120, 10.2978, 10.4258
Hunter-Lab	58.2405, 9.2119, -8.4551

Details

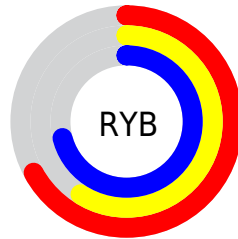
The RGB color **172, 150, 181** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **159, 181, 150**, and the grayscale version is **160, 160, 160**.

A 20% lighter version of the original color is **228, 204, 237**, and **120, 99, 128** is the 20% darker color. If you saturate the color by 10%, you get **167, 132, 181**, and if you desaturate by 10%, it is **177, 168, 181**.

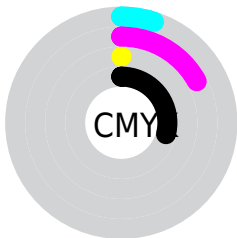
Distribution



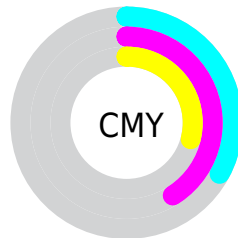
- Red (67%)
- Green (59%)
- Blue (71%)



- Red (67%)
- Yellow (59%)
- Blue (71%)



- Cyan (5%)
- Magenta (17%)
- Yellow (0%)
- Black (29%)



- Cyan (33%)
- Magenta (41%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the RGB color 172, 150, 181 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 172, 150, 181 by changing the saturation by 10% instead.


 172, 150, 181

255, 255, 255

 228, 204, 237


 255, 232, 255

 172, 150, 181

 145, 124, 154

 120, 99, 128

 95, 75, 103


 71, 52, 79


 48, 31, 56

 28, 8, 35

 0, 0, 10

 0, 0, 0

 172, 150, 181

 172, 150, 181

167, 132, 181

177, 168, 181

161, 114, 181

183, 186, 181

156, 96, 181

188, 204, 181

151, 78, 181

193, 222, 181

146, 60, 181

198, 241, 181

140, 41, 181

204, 255, 181

135, 23, 181

209, 255, 181

130, 5, 181

214, 255, 181

128, 0, 181

219, 255, 181

Harmonies

Analogous

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



150, 156, 190



172, 150, 181



187, 146, 166

Triad

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



172, 150, 181



178, 154, 125



111, 167, 167

Complementary

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



172, 150, 181



159, 181, 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.



123, 167, 149



172, 150, 181



160, 159, 125

Square

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



172, 150, 181



189, 149, 133



141, 164, 134



113, 165, 182

Rectangle

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



172, 150, 181



192, 145, 154



141, 164, 134



114, 167, 161

Sweetspot

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



172, 150, 181



231, 223, 235



150, 159, 181



115, 110, 117



245, 245, 245



117, 117, 117

Same Dimension

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



172, 150, 181



220, 185, 235



181, 150, 175



87, 80, 89



109, 0, 153



18, 0, 26

Inverse Universe

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



181, 150, 159



235, 185, 200



150, 181, 156



89, 80, 83



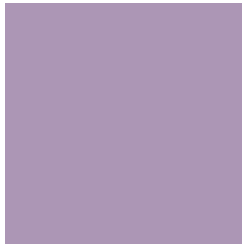
153, 0, 44



26, 0, 7

Previews

White Background



This preview shows how the RGB color 172, 150, 181 looks on a white background.

Color Contrast Check

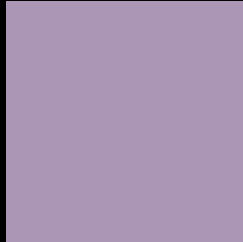
Large Text (above 18pt) WCAG AA × Fail

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 172, 150, 181 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

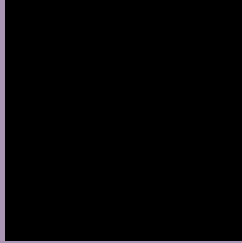
Any Text WCAG AA ✓ Pass

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 172, 150, 181 Background



This preview shows how black text looks on a background with the RGB color 172, 150, 181.



This preview shows how white text looks on a background with the RGB color 172, 150, 181.

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
172, 150, 181

Protanopia
152, 156, 185

Deuteranopia
162, 154, 180



Tritanopia
170, 153, 165

Trichromacy



Original Color
172, 150, 181

Protanomaly
159, 154, 184

Deuteranomaly
166, 153, 180

Tritanomaly
171, 152, 171

Monochromacy



Original Color
172, 150, 181

Achromatopsia
160, 160, 160

Achromatomaly
164, 156, 168

CSS Examples

Text

The CSS property to change the color of the text to RGB 172, 150, 181 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(172, 150, 181)` looks like.

```
.text, #text, p{  
    color:rgb(172, 150, 181)  
}
```

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(172, 150, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 150, 181) }
```

Border

The CSS property to change the border of an element to RGB 172, 150, 181 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(172, 150, 181) }
```

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

```
.border{ border-color:rgb(172, 150, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 150, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 150, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 150, 181);  
box-shadow:4px 4px 4px 4px rgb(172, 150,  
181) }
```

Background

The CSS property to change the background color of an element to RGB 172, 150, 181 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 150, 181) }
```

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

```
.background{ background-color: rgb(172,  
150, 181) }
```

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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