

Converting Colors

RGB(231, 150, 163)

Have a look what the booklet for
RGB(231, 150, 163) contains.

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Color

RGB(231, 150, 163)

Conversions

Conversions Part 1

Format	Color
Hex	E796A3
RGB	231, 150, 163
RGB Percent	91%, 59%, 64%
CMY	0.0941, 0.4118, 0.3608
CMYK	0.00, 0.35, 0.29, 0.09
HSL	350°, 63%, 75%
HSV	350°, 35%, 91%
XYZ	50.4722, 41.4460, 39.9900
YIQ	175.7010, 44.1030, 21.2150

Conversions

Conversions Part 2

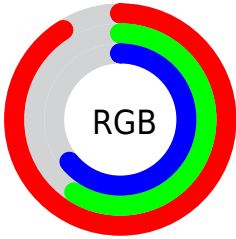
Format	Color
R_{YB}	231, 150, 163
Decimal	15177379
CIE _{Lab}	70.49, 32.10, 5.89
CIE _{LCh}	70, 32.640, 10.393
Yxy	41.4460, 0.3826, 0.3142
Android (android.graphics.Color)	4293367459 (0xFFE796A3)
YUV	175.7010, -6.2616, 48.4972
Hunter-Lab	64.3785, 27.2800, 8.2358

Details

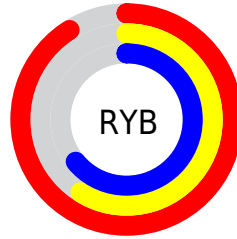
The RGB color **231, 150, 163** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **150, 231, 218**, and the grayscale version is **176, 176, 176**.

A 20% lighter version of the original color is **255, 205, 218**, and **174, 98, 111** is the 20% darker color. If you saturate the color by 10%, you get **231, 127, 144**, and if you desaturate by 10%, it is **231, 173, 182**.

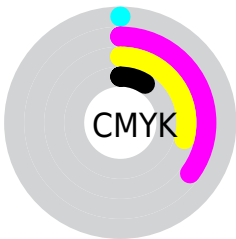
Distribution



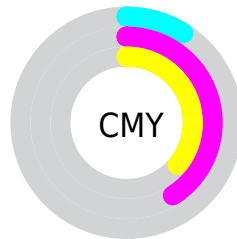
- Red (91%)
- Green (59%)
- Blue (64%)



- Red (91%)
- Yellow (59%)
- Blue (64%)



- Cyan (0%)
- Magenta (35%)
- Yellow (29%)
- Black (9%)





- Cyan (9%)
- Magenta (41%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the RGB color 231, 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 231, 150, 163 by changing the saturation by 10% instead.


 231, 150, 163

 231, 150, 163

255, 255, 255


 202, 124, 137

 255, 205, 218

 174, 98, 111

 255, 233, 246

 146, 73, 87


 119, 49, 64


 92, 24, 42

 66, 0, 22

 45, 0, 1

 0, 0, 0

 231, 150, 163

 231, 150, 163

■ 231, 127, 144

■ 231, 173, 182

■ 231, 104, 124

■ 231, 196, 202

■ 231, 81, 105

■ 231, 219, 221

■ 231, 58, 85

■ 231, 242, 241

■ 231, 35, 66

■ 231, 255, 255

■ 231, 11, 47

■ 231, 0, 37

Harmonies

Analogous

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



218, 153, 193



231, 150, 163



227, 155, 135

Triad

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



231, 150, 163



150, 182, 126



103, 181, 228

Complementary

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



231, 150, 163



150, 231, 218

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.



73, 187, 210



231, 150, 163



115, 187, 152

Square

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



231, 150, 163



183, 174, 114



82, 189, 182



148, 172, 230

Rectangle

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



231, 150, 163



217, 161, 122



82, 189, 182



90, 183, 223

Sweetspot

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



231, 150, 163



255, 227, 231



218, 150, 231



128, 111, 114



0, 0, 0



128, 128, 128

Same Dimension

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



231, 150, 163



255, 148, 165



231, 177, 150



115, 103, 105



179, 0, 29



51, 0, 8

Inverse Universe

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



231, 150, 163



255, 148, 165



150, 204, 231



115, 103, 105



179, 0, 29



51, 0, 8

Previews

White Background



This preview shows how the RGB color 231, 150, 163 looks on a white background.

Color Contrast Check

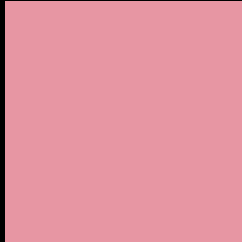
Large Text (above 18pt) WCAG AA × Fail

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 231, 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 231, 150, 163 Background



This preview shows how black text looks on a background with the RGB color 231, 150, 163.

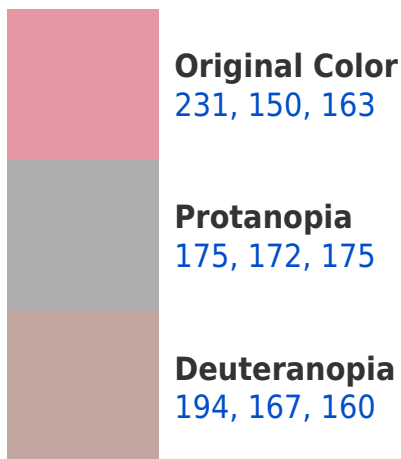


This preview shows how white text looks on a background with the RGB color 231, 150, 163.

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](#).

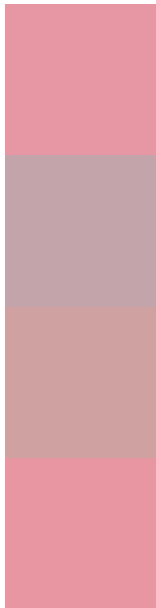
Dichromacy





Tritanopia
231, 150, 162

Trichromacy



Original Color
231, 150, 163

Protanomaly
195, 164, 171

Deuteranomaly
207, 161, 161

Tritanomaly
231, 150, 162

Monochromacy



Original Color
231, 150, 163

Achromatopsia
176, 176, 176

Achromatomaly
196, 167, 171

CSS Examples

Text

The CSS property to change the color of the text to RGB 231, 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(231, 150, 163)` looks like.

```
.text, #text, p{  
    color:rgb(231, 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(231, 150, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 150, 163) }
```

Border

The CSS property to change the border of an element to RGB 231, 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(231, 150, 163) }
```

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

```
.border{ border-color:rgb(231, 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(231, 150, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 150, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 150, 163);  
box-shadow:4px 4px 4px 4px rgb(231, 150,  
163) }
```

Background

The CSS property to change the background color of an element to RGB 231, 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(231, 150, 163) }
```

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

```
.background{ background-color: rgb(231,  
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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