

Converting Colors

RGB(231, 166, 180)

Have a look what the booklet for
RGB(231, 166, 180) contains.

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Color

RGB(231, 166, 180)

Conversions

Conversions Part 1

Format	Color
Hex	E7A6B4
RGB	231, 166, 180
RGB Percent	91%, 65%, 71%
CMY	0.0941, 0.3490, 0.2941
CMYK	0.00, 0.28, 0.22, 0.09
HSL	347°, 58%, 78%
HSV	347°, 28%, 91%
XYZ	54.8294, 47.5566, 49.4695
YIQ	187.0310, 34.2460, 18.1340

Conversions

Conversions Part 2

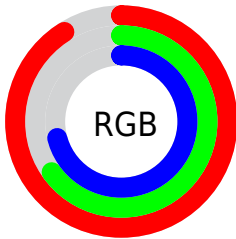
Format	Color
RYB	231, 166, 180
Decimal	15181492
CIELab	74.54, 25.95, 2.36
CIELCh	75, 26.055, 5.193
Yxy	47.5566, 0.3611, 0.3132
Android (android.graphics.Color)	4293371572 (0xFFE7A6B4)
YUV	187.0310, -3.4663, 38.5608
Hunter-Lab	68.9613, 21.2386, 5.7411

Details

The RGB color **231, 166, 180** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **166, 231, 217**, and the grayscale version is **187, 187, 187**.

A 20% lighter version of the original color is **255, 221, 236**, and **174, 113, 127** is the 20% darker color. If you saturate the color by 10%, you get **231, 143, 162**, and if you desaturate by 10%, it is **231, 189, 198**.

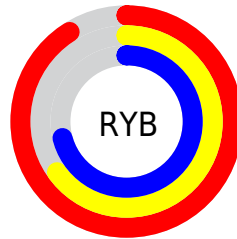
Distribution



Red (91%)

Green (65%)

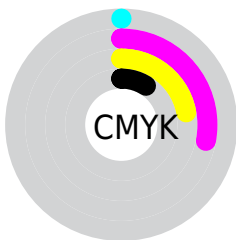
Blue (71%)



Red (91%)

Yellow (65%)

Blue (71%)

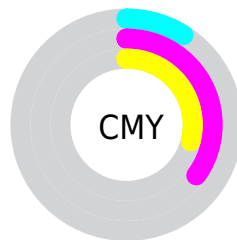


Cyan (0%)

Magenta (28%)

Yellow (22%)

Black (9%)



Cyan (9%)


Magenta (35%)


Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the RGB color 231, 166, 180 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, 166, 180 by changing the saturation by 10% instead.

 231, 166, 180

 231, 166, 180

255, 255, 255

 202, 139, 153

 255, 221, 236


 174, 113, 127

 255, 250, 255

 147, 88, 102

 120, 64, 78


 94, 41, 56


 69, 18, 34


 46, 0, 12


 6, 0, 0


 0, 0, 0


 231, 166, 180


 231, 166, 180

 231, 143, 162


 231, 189, 198

 231, 120, 144


 231, 212, 216


 231, 97, 126


 231, 235, 234


 231, 74, 108


 231, 255, 252

 231, 51, 89

 231, 255, 255

 231, 27, 71

 231, 4, 53

 231, 0, 50

Harmonies

Analogous

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



218, 169, 204



231, 166, 180



231, 169, 157

Triad

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



231, 166, 180



171, 190, 144



129, 191, 226

Complementary

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



231, 166, 180



166, 231, 217

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.



114, 196, 210



231, 166, 180



143, 195, 163

Square

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



231, 166, 180



197, 183, 136



121, 197, 187



160, 184, 231

Rectangle

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



231, 166, 180



224, 173, 145



121, 197, 187



122, 193, 222

Sweetspot

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



231, 166, 180



255, 235, 239



217, 166, 231



128, 115, 117



0, 0, 0



128, 128, 128

Same Dimension

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



231, 166, 180



255, 168, 187



231, 184, 166



115, 103, 106



179, 0, 38



51, 0, 11

Inverse Universe

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



231, 166, 180



255, 168, 187



166, 213, 231



115, 103, 106



179, 0, 38



51, 0, 11

Previews

White Background



This preview shows how the RGB color 231, 166, 180 looks on a white background.

Color Contrast Check

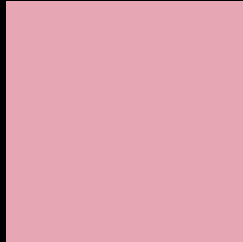
Large Text (above 18pt) WCAG AA × Fail

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, 166, 180 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, 166, 180 Background



This preview shows how black text looks on a background with the RGB color 231, 166, 180.



This preview shows how white text looks on a background with the RGB color 231, 166, 180.

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
231, 166, 180

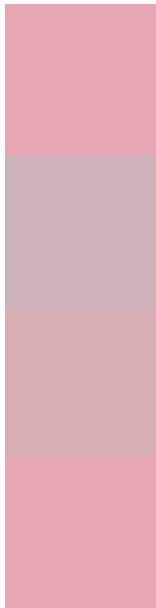
Protanopia
185, 183, 190

Deuteranopia
204, 178, 178



Tritanopia
231, 166, 179

Trichromacy



Original Color
231, 166, 180

Protanomaly
202, 177, 186

Deuteranomaly
214, 174, 179

Tritanomaly
231, 166, 179

Monochromacy



Original Color
231, 166, 180

Achromatopsia
187, 187, 187

Achromatomaly
203, 179, 184

CSS Examples

Text

The CSS property to change the color of the text to RGB 231, 166, 180 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, 166, 180)` looks like.

```
.text, #text, p{  
    color:rgb(231, 166, 180)  
}
```

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, 166, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 166, 180) }
```

Border

The CSS property to change the border of an element to RGB 231, 166, 180 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, 166, 180) }
```

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

```
.border{ border-color:rgb(231, 166, 180) }
```

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

Here you see how a box with a 4 pixel rgb(231, 166, 180) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 166, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 166, 180);  
box-shadow:4px 4px 4px 4px rgb(231, 166,  
180) }
```

Background

The CSS property to change the background color of an element to RGB 231, 166, 180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 166, 180) }
```

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

```
.background{ background-color: rgb(231,  
166, 180) }
```

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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