

Converting Colors

`RYB(232, 168, 181)`

Have a look what the booklet for
RYB(232, 168, 181) contains.

RYB(232, 168, 181)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

R_YB(232, 168, 181)

Conversions

Conversions Part 1

Format	Color
Hex	E8A8B5
RGB	232, 168, 181
RGB Percent	91%, 66%, 71%
CMY	0.0902, 0.3412, 0.2902
CMYK	0.00, 0.28, 0.22, 0.09
HSL	348°, 58%, 78%
HSV	348°, 28%, 91%
XYZ	55.6218, 48.4973, 50.1454
YIQ	188.6180, 33.9710, 17.6110

Conversions

Conversions Part 2

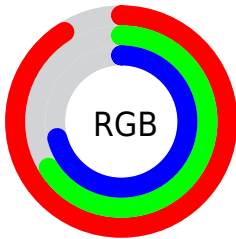
Format	Color
R_{YB}	232, 168, 181
Decimal	15247541
CIE _{Lab}	75.14, 25.39, 2.68
CIE _{LCh}	75, 25.528, 6.035
Yxy	48.4973, 0.3606, 0.3144
Android (android.graphics.Color)	4293437621 (0xFFE8A8B5)
YUV	188.6180, -3.7557, 38.0460
Hunter-Lab	69.6400, 20.6990, 6.0553

Details

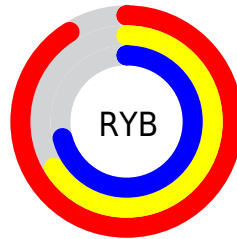
The RYB color **232, 168, 181** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **168, 204, 232**, and the grayscale version is **189, 189, 189**.

A 20% lighter version of the original color is **255, 224, 237**, and **175, 115, 128** is the 20% darker color. If you saturate the color by 10%, you get **232, 145, 163**, and if you desaturate by 10%, it is **232, 191, 199**.

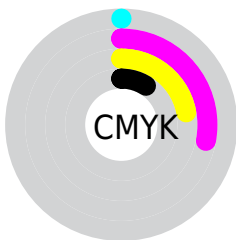
Distribution



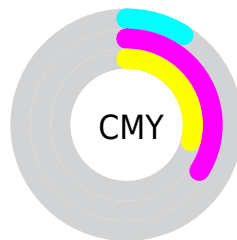
- Red (91%)
- Green (66%)
- Blue (71%)



- Red (91%)
- Yellow (66%)
- Blue (71%)



- Cyan (0%)
- Magenta (28%)
- Yellow (22%)
- Black (9%)




- Cyan (9%)
- Magenta (34%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the RYB color 232, 168, 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 RYB color 232, 168, 181 by changing the saturation by 10% instead.

 232, 168, 181


255, 255, 255


 255, 224, 237


 255, 252, 255

 232, 168, 181

 203, 141, 154

 175, 115, 128

 148, 90, 103

 121, 66, 79

 95, 43, 56

 70, 20, 35

 47, 0, 13

 11, 0, 0

 0, 0, 0

■ 232, 168, 181

■ 232, 168, 181

■ 232, 145, 163

■ 232, 191, 199

■ 232, 122, 144

■ 232, 214, 218

■ 232, 98, 126

■ 232, 236, 238

■ 232, 75, 107

■ 232, 244, 255

■ 232, 52, 89

■ 232, 29, 70

■ 232, 6, 52

■ 232, 0, 47

Harmonies

Analogous

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



219, 171, 205



232, 168, 181



231, 174, 158

Triad

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



232, 168, 181



147, 192, 167



133, 170, 227

Complementary

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



232, 168, 181



168, 204, 232

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.



117, 160, 212



232, 168, 181



145, 183, 197

Square

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



232, 168, 181



155, 198, 138



124, 163, 198



163, 180, 231

Rectangle

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



232, 168, 181



224, 191, 147



124, 163, 198



125, 165, 223

Sweetspot

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



232, 168, 181



255, 235, 239



218, 168, 232



128, 115, 117



0, 0, 0



128, 128, 128

Same Dimension

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



232, 168, 181



255, 171, 188



232, 193, 168



115, 103, 106



179, 0, 36



51, 0, 10

Inverse Universe

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



232, 168, 181



255, 171, 188



168, 195, 232



115, 103, 106



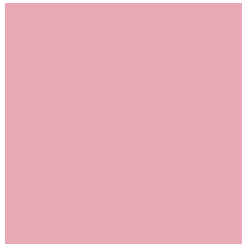
179, 0, 36



51, 0, 10

Previews

White Background



This preview shows how the RYB color 232, 168, 181 looks on a white background.

Color Contrast Check

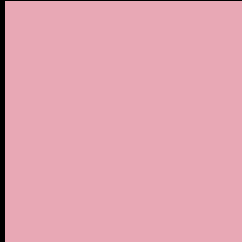
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RYB color 232, 168, 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](#).

RYB 232, 168, 181 Background



This preview shows how black text looks on a background with the RYB color 232, 168, 181.



This preview shows how white text looks on a background with the RYB color 232, 168, 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
232, 168, 181

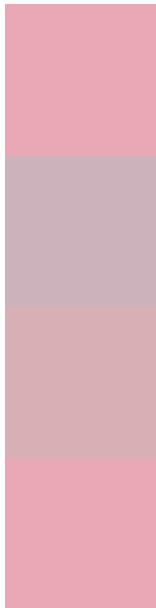
Protanopia
187, 184, 190

Deuteranopia
206, 179, 179



Tritanopia
232, 168, 181

Trichromacy



Original Color
232, 168, 181

Protanomaly
203, 178, 187

Deuteranomaly
215, 175, 180

Tritanomaly
232, 168, 181

Monochromacy



Original Color
232, 168, 181

Achromatopsia
189, 189, 189

Achromatomaly
205, 181, 186

CSS Examples

Text

The CSS property to change the color of the text to RYB 232, 168, 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(232, 168, 181) looks like.

```
.text, #text, p{  
    color:rgb(232, 168, 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(232, 168, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 168, 181) }
```

Border

The CSS property to change the border of an element to RYB 232, 168, 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(232, 168, 181) }
```

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

```
.border{ border-color:rgb(232, 168, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 168, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 168, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 168, 181);  
box-shadow:4px 4px 4px 4px rgb(232, 168,  
181) }
```

Background

The CSS property to change the background color of an element to RGB 232, 168, 181 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 168, 181) }
```

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

```
.background{ background-color: rgb(232,  
168, 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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