

Converting Colors

`RYB(232, 168, 161)`

Have a look what the booklet for
RYB(232, 168, 161) contains.

RYB(232, 168, 161)	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, 161)

Conversions

Conversions Part 1

Format	Color
Hex	E8A7A1
RGB	232, 167, 161
RGB Percent	91%, 65%, 63%
CMY	0.0902, 0.3436, 0.3686
CMYK	0.00, 0.28, 0.31, 0.09
HSL	5°, 61%, 77%
HSV	5°, 31%, 91%
XYZ	53.5987, 47.5029, 40.0622
YIQ	185.7510, 40.6660, 11.9140

Conversions

Conversions Part 2

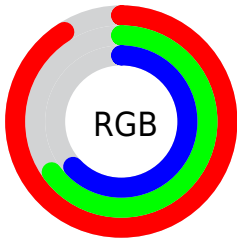
Format	Color
R _Y B	232, 168, 161
Decimal	15247265
CIE Lab	74.51, 22.96, 12.74
CIE LCh	75, 26.254, 29.025
Yxy	47.5029, 0.3797, 0.3365
Android (android.graphics.Color)	4293437345 (0xFFE8A7A1)
YUV	185.7510, -12.2022, 40.5604
Hunter-Lab	68.9223, 18.1996, 13.7823

Details

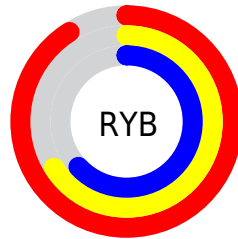
The RYB color **232, 168, 161** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **161, 195, 232**, and the grayscale version is **186, 186, 186**.

A 20% lighter version of the original color is **255, 223, 216**, and **175, 115, 110** is the 20% darker color. If you saturate the color by 10%, you get **232, 147, 138**, and if you desaturate by 10%, it is **232, 188, 184**.

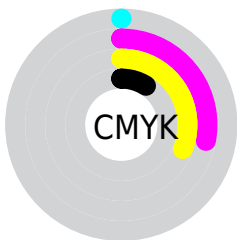
Distribution



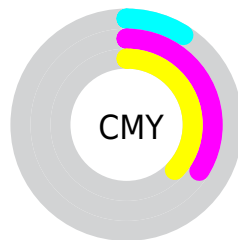
- Red (91%)
- Green (65%)
- Blue (63%)



- Red (91%)
- Yellow (66%)
- Blue (63%)



- Cyan (0%)
- Magenta (28%)
- Yellow (31%)
- Black (9%)





- Cyan (9%)
- Magenta (34%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the RYB color 232, 168, 161 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, 161 by changing the saturation by 10% instead.

 232, 168, 161

 232, 168, 161

255, 255, 255

 203, 142, 135

 255, 225, 216

 175, 116, 109

 248, 255, 244

 147, 90, 85


 120, 66, 62


 94, 43, 40

 68, 21, 20

 45, 0, 0

 0, 0, 0

 232, 168, 161

 232, 168, 161

■ 232, 147, 138

■ 232, 188, 184

■ 232, 126, 115

■ 232, 210, 207

■ 232, 105, 91

■ 232, 231, 231

■ 232, 85, 68

■ 232, 242, 254

■ 232, 64, 45

■ 232, 244, 255

■ 232, 43, 22

■ 232, 23, 0

Harmonies

Analogous

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



230, 166, 185



232, 168, 161



222, 191, 143

Triad

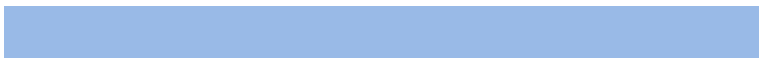
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



232, 168, 161



148, 186, 194



153, 176, 231

Complementary

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



232, 168, 161



161, 195, 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.



123, 164, 224



232, 168, 161



124, 165, 197

Square

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



232, 168, 161



141, 189, 154



112, 156, 206



186, 177, 225

Rectangle

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



232, 168, 161



187, 209, 136



112, 156, 206



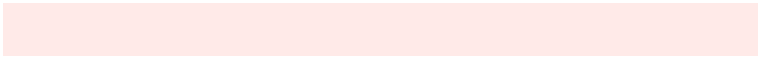
142, 172, 230

Sweetspot

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



232, 168, 161



255, 234, 232



232, 161, 226



128, 115, 113



0, 0, 0



128, 128, 128

Same Dimension

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



232, 168, 161



255, 170, 161



213, 232, 161



115, 104, 103



179, 18, 0



51, 6, 0

Inverse Universe

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



161, 195, 232



161, 206, 255



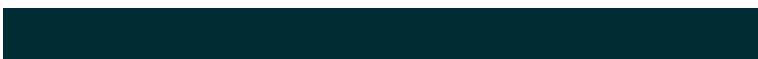
161, 182, 232



103, 109, 115



0, 85, 179



0, 24, 51

Previews

White Background



This preview shows how the RYB color 232, 168, 161 looks on a white background.

Color Contrast Check

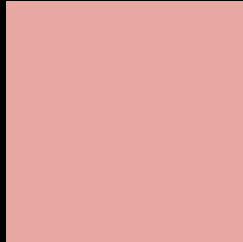
Large Text (above 18pt) WCAG AA × Fail

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, 161 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, 161 Background



This preview shows how black text looks on a background with the RYB color 232, 168, 161.

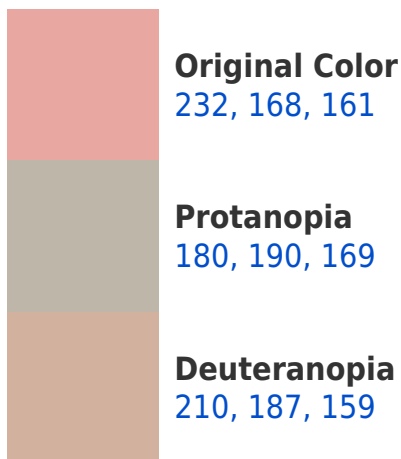



This preview shows how white text looks on a background with the RYB color 232, 168, 161.

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
234, 165, 177

Trichromacy



Original Color
232, 168, 161

Protanomaly
205, 181, 166

Deuteranomaly
218, 177, 160

Tritanomaly
233, 166, 171

Monochromacy



Original Color
232, 168, 161

Achromatopsia
186, 186, 186

Achromatomaly
203, 179, 177

CSS Examples

Text

The CSS property to change the color of the text to RYB 232, 168, 161 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, 167, 161)` looks like.

```
.text, #text, p{  
    color:rgb(232, 167, 161)  
}
```

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, 167, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 167, 161) }
```

Border

The CSS property to change the border of an element to RYB 232, 168, 161 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, 167, 161) }
```

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

```
.border{ border-color:rgb(232, 167, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 167, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 167, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 167, 161);  
box-shadow:4px 4px 4px 4px rgb(232, 167,  
161) }
```

Background

The CSS property to change the background color of an element to RGB 232, 168, 161 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 167, 161) }
```

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

```
.background{ background-color: rgb(232,  
167, 161) }
```

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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