

Converting Colors

`RYB(232, 166, 202)`

Have a look what the booklet for
RYB(232, 166, 202) contains.

RYB(232, 166, 202)	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, 166, 202)

Conversions

Conversions Part 1

Format	Color
Hex	E8A6CA
RGB	232, 166, 202
RGB Percent	91%, 65%, 79%
CMY	0.0902, 0.3490, 0.2078
CMYK	0.00, 0.28, 0.13, 0.09
HSL	327°, 59%, 78%
HSV	327°, 28%, 91%
XYZ	57.5756, 48.6925, 62.2411
YIQ	189.8380, 27.7800, 25.1880

Conversions

Conversions Part 2

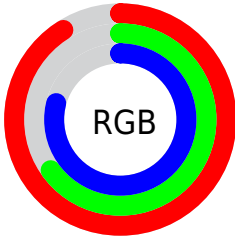
Format	Color
R _Y B	232, 166, 202
Decimal	15247050
CIE Lab	75.26, 29.70, -8.64
CIE LCh	75, 30.932, 343.779
Yxy	48.6925, 0.3417, 0.2890
Android (android.graphics.Color)	4293437130 (0xFFE8A6CA)
YUV	189.8380, 5.9959, 36.9761
Hunter-Lab	69.7800, 25.1656, -4.0384

Details

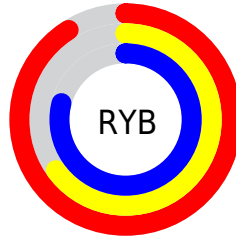
The RYB color **232, 166, 202** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **166, 211, 232**, and the grayscale version is **190, 190, 190**.

A 20% lighter version of the original color is **255, 222, 255**, and **175, 113, 148** is the 20% darker color. If you saturate the color by 10%, you get **232, 143, 191**, and if you desaturate by 10%, it is **232, 189, 213**.

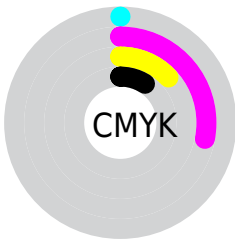
Distribution



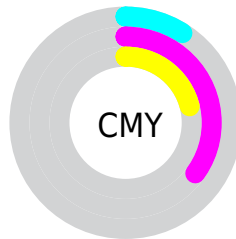
- Red (91%)
- Green (65%)
- Blue (79%)



- Red (91%)
- Yellow (65%)
- Blue (79%)



- Cyan (0%)
- Magenta (28%)
- Yellow (13%)
- Black (9%)





- Cyan (9%)
- Magenta (35%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the RYB color 232, 166, 202 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, 166, 202 by changing the saturation by 10% instead.

 232, 166, 202

 232, 166, 202

255, 255, 255

 203, 139, 175

 255, 222, 255


 175, 113, 148

 255, 250, 255

 148, 88, 122

 122, 64, 97

 96, 40, 74

 71, 16, 51

 47, 0, 30

 20, 0, 2

 0, 0, 0

■ 232, 166, 202

■ 232, 166, 202

■ 232, 143, 191

■ 232, 189, 213

■ 232, 120, 181

■ 232, 212, 223

■ 232, 96, 170

■ 232, 235, 236

■ 232, 73, 160

■ 232, 247, 255

■ 232, 50, 149

■ 232, 244, 255

■ 232, 27, 139

■ 232, 4, 128

■ 232, 0, 127

Harmonies

Analogous

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



206, 173, 227



232, 166, 202



243, 164, 173

Triad

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



232, 166, 202



134, 192, 130



98, 154, 224

Complementary

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



232, 166, 202



166, 211, 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.



101, 152, 201



232, 166, 202



143, 195, 178

Square

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



232, 166, 202



208, 219, 131



127, 174, 200



127, 169, 239

Rectangle

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



232, 166, 202



241, 169, 155



127, 174, 200



95, 151, 216

Sweetspot

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



232, 166, 202



255, 232, 245



196, 166, 232



128, 113, 121



0, 0, 0



128, 128, 128

Same Dimension

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



232, 166, 202



255, 168, 216



232, 166, 169



115, 103, 110



179, 0, 97



51, 0, 28

Inverse Universe

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



232, 166, 202



255, 168, 216



166, 200, 232



115, 103, 110



179, 0, 97



51, 0, 28

Previews

White Background



This preview shows how the RYB color 232, 166, 202 looks on a white background.

Color Contrast Check

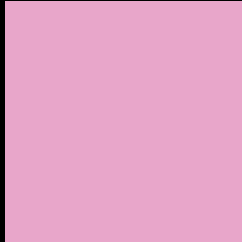
Large Text (above 18pt) WCAG AA × Fail

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, 166, 202 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, 166, 202 Background



This preview shows how black text looks on a background with the RYB color 232, 166, 202.



This preview shows how white text looks on a background with the RYB color 232, 166, 202.

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, 166, 202

Protanopia
181, 184, 214

Deuteranopia
197, 180, 199



Tritanopia
230, 169, 182

Trichromacy



Original Color

232, 166, 202



Protanomaly

200, 177, 210



Deuteranomaly

210, 175, 200



Tritanomaly

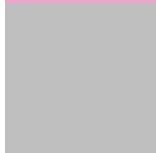
231, 168, 189

Monochromacy



Original Color

232, 166, 202



Achromatopsia

190, 190, 190



Achromatomaly

205, 181, 194

CSS Examples

Text

The CSS property to change the color of the text to RGB 232, 166, 202 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, 166, 202) looks like.

```
.text, #text, p{  
    color:rgb(232, 166, 202)  
}
```

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, 166, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 166, 202) }
```

Border

The CSS property to change the border of an element to RYB 232, 166, 202 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, 166, 202) }
```

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

```
.border{ border-color:rgb(232, 166, 202) }
```

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

Here you see how a box with a 4 pixel rgb(232, 166, 202) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 166, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 166, 202);  
box-shadow:4px 4px 4px 4px rgb(232, 166,  
202) }
```

Background

The CSS property to change the background color of an element to RYB 232, 166, 202 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 166, 202) }
```

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

```
.background{ background-color: rgb(232,  
166, 202) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor