

Converting Colors

`RYB(234, 168, 221)`

Have a look what the booklet for
RYB(234, 168, 221) contains.

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Color

R_YB(234, 168, 221)

Conversions

Conversions Part 1

Format	Color
Hex	EAA8DD
RGB	234, 168, 221
RGB Percent	92%, 66%, 87%
CMY	0.0824, 0.3412, 0.1333
CMYK	0.00, 0.28, 0.06, 0.08
HSL	312°, 61%, 79%
HSV	312°, 28%, 92%
XYZ	60.9855, 50.7181, 74.9819
YIQ	193.7760, 22.3230, 30.4750

Conversions

Conversions Part 2

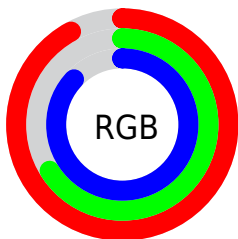
Format	Color
R_{YB}	234, 168, 221
Decimal	15378653
CIE _{Lab}	76.51, 32.51, -17.12
CIE _{LCh}	77, 36.744, 332.231
Yxy	50.7181, 0.3267, 0.2717
Android (android.graphics.Color)	4293568733 (0xFFEAA8DD)
YUV	193.7760, 13.4214, 35.2764
Hunter-Lab	71.2167, 28.2269, -12.5730

Details

The RYB color **234, 168, 221** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **168, 223, 234**, and the grayscale version is **194, 194, 194**.

A 20% lighter version of the original color is **255, 224, 255**, and **177, 115, 166** is the 20% darker color. If you saturate the color by 10%, you get **234, 145, 216**, and if you desaturate by 10%, it is **234, 191, 226**.

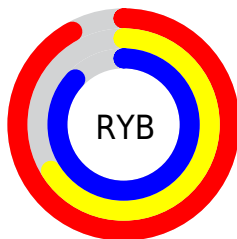
Distribution



Red (92%)

Green (66%)

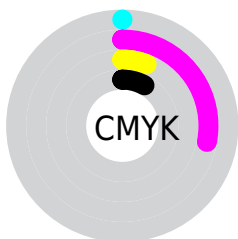
Blue (87%)



Red (92%)

Yellow (66%)

Blue (87%)

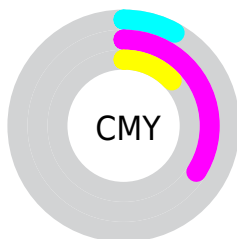


Cyan (0%)

Magenta (28%)

Yellow (6%)

Black (8%)



Cyan (8%)


Magenta (34%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the RYB color 234, 168, 221 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 234, 168, 221 by changing the saturation by 10% instead.

 234, 168, 221

 234, 168, 221

255, 255, 255

 205, 141, 193

 255, 224, 255


 177, 115, 166

 255, 253, 255

 150, 90, 139

 124, 65, 114


 98, 41, 89


 73, 17, 66

 49, 0, 43


 25, 0, 23


 0, 0, 0

 234, 168, 221

 234, 168, 221

 234, 145, 216

 234, 191, 226

 234, 121, 212

 234, 215, 230

 234, 98, 207

 234, 237, 238

 234, 74, 203

 234, 251, 255

 234, 51, 198

 234, 248, 255

 234, 28, 193

 234, 246, 255

 234, 4, 189

 234, 245, 255

 234, 0, 188

 234, 245, 255

Harmonies

Analogous

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



196, 179, 246



234, 168, 221



254, 163, 187

Triad

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



234, 168, 221



149, 209, 120



66, 140, 224

Complementary

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



234, 168, 221



168, 223, 234

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.



92, 154, 207



234, 168, 221



130, 198, 155

Square

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



234, 168, 221



238, 210, 130



133, 187, 204



93, 157, 248

Rectangle

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



234, 168, 221



255, 164, 165



133, 187, 204



70, 140, 213

Sweetspot

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



234, 168, 221



255, 235, 251



180, 168, 234



128, 115, 125



0, 0, 0



128, 128, 128

Same Dimension

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



234, 168, 221



255, 168, 238



234, 168, 189



117, 106, 115



181, 0, 145



54, 0, 43

Inverse Universe

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



234, 168, 221



255, 168, 238



168, 207, 234



117, 106, 115



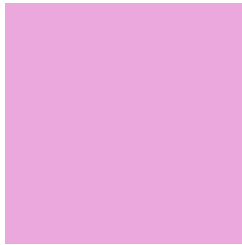
181, 0, 145



54, 0, 43

Previews

White Background



This preview shows how the RYB color 234, 168, 221 looks on a white background.

Color Contrast Check

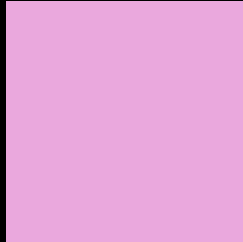
Large Text (above 18pt) WCAG AA × Fail

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 234, 168, 221 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 234, 168, 221 Background



This preview shows how black text looks on a background with the RYB color 234, 168, 221.

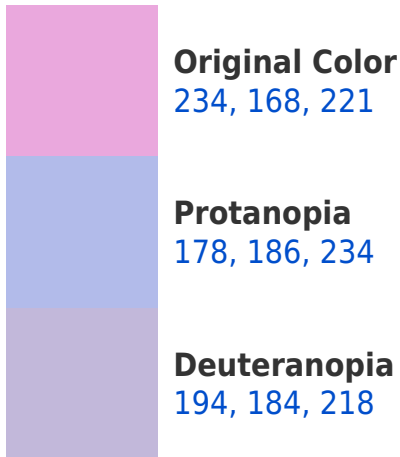


This preview shows how white text looks on a background with the RYB color 234, 168, 221.

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
230, 174, 188

Trichromacy



Original Color

234, 168, 221



Protanomaly

198, 180, 229



Deuteranomaly

209, 178, 219



Tritanomaly

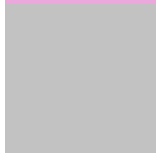
231, 172, 200

Monochromacy



Original Color

234, 168, 221



Achromatopsia

194, 194, 194



Achromatomaly

209, 185, 204

CSS Examples

Text

The CSS property to change the color of the text to RYB 234, 168, 221 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(234, 168, 221) looks like.

```
.text, #text, p{  
    color:rgb(234, 168, 221)  
}
```

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(234, 168, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 168, 221) }
```

Border

The CSS property to change the border of an element to RYB 234, 168, 221 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(234, 168, 221) }
```

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

```
.border{ border-color:rgb(234, 168, 221) }
```

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

Here you see how a box with a 4 pixel rgb(234, 168, 221) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 168, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 168, 221);  
box-shadow:4px 4px 4px 4px rgb(234, 168,  
221) }
```

Background

The CSS property to change the background color of an element to RGB 234, 168, 221 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 168, 221) }
```

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

```
.background{ background-color: rgb(234,  
168, 221) }
```

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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