

Converting Colors

`RYB(237, 166, 223)`

Have a look what the booklet for
RYB(237, 166, 223) contains.

RYB(237, 166, 223)	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

`RYB(237, 166, 223)`

Conversions

Conversions Part 1

Format	Color
Hex	EDA6DF
RGB	237, 166, 223
RGB Percent	93%, 65%, 87%
CMY	0.0706, 0.3490, 0.1255
CMYK	0.00, 0.30, 0.06, 0.07
HSL	312°, 66%, 79%
HSV	312°, 30%, 93%
XYZ	61.8806, 50.6047, 76.3183
YIQ	193.7270, 24.0190, 32.7790

Conversions

Conversions Part 2

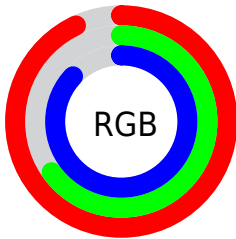
Format	Color
R _{YB}	237, 166, 223
Decimal	15574751
CIE Lab	76.44, 34.91, -18.28
CIE LCh	76, 39.406, 332.360
Yxy	50.6047, 0.3278, 0.2680
Android (android.graphics.Color)	4293764831 (0xFFEDA6DF)
YUV	193.7270, 14.4316, 37.9504
Hunter-Lab	71.1370, 30.7837, -13.8125

Details

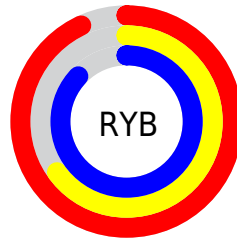
The RYB color **237, 166, 223** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **166, 225, 237**, and the grayscale version is **194, 194, 194**.

A 20% lighter version of the original color is **255, 222, 255**, and **180, 113, 168** is the 20% darker color. If you saturate the color by 10%, you get **237, 142, 218**, and if you desaturate by 10%, it is **237, 190, 228**.

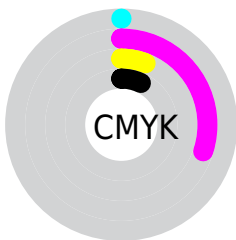
Distribution



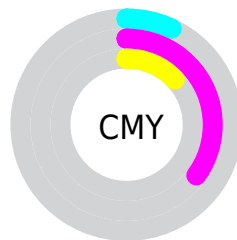
- Red (93%)
- Green (65%)
- Blue (87%)



- Red (93%)
- Yellow (65%)
- Blue (87%)



- Cyan (0%)
- Magenta (30%)
- Yellow (6%)
- Black (7%)



- Cyan (7%)
- Magenta (35%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the RYB color 237, 166, 223 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 237, 166, 223 by changing the saturation by 10% instead.

 237, 166, 223


255, 255, 255

 255, 222, 255

 255, 251, 255

 237, 166, 223

 208, 139, 195

 180, 113, 168

 153, 88, 141

 126, 63, 116

 100, 39, 91

 75, 13, 67


 51, 0, 45

 27, 0, 24


 0, 0, 0

 237, 166, 223

 237, 166, 223

 237, 142, 218

 237, 190, 228

 237, 119, 214

 237, 213, 232

 237, 95, 209

 237, 237, 237

 237, 71, 204

 237, 251, 255

 237, 47, 200

 237, 249, 255

 237, 24, 195

 237, 247, 255

 237, 0, 190

 237, 246, 255

Harmonies

Analogous

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



197, 178, 250



237, 166, 223



255, 160, 187

Triad

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



237, 166, 223



145, 210, 115



42, 129, 226

Complementary

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



237, 166, 223



166, 225, 237

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.



80, 149, 208



237, 166, 223



126, 198, 152

Square

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



237, 166, 223



240, 213, 125



128, 186, 205



79, 151, 252

Rectangle

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



237, 166, 223



255, 162, 163



128, 186, 205



49, 130, 215

Sweetspot

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



237, 166, 223



255, 232, 250



179, 166, 237



128, 113, 125



0, 0, 0



128, 128, 128

Same Dimension

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



237, 166, 223



255, 163, 237



237, 166, 188



117, 106, 115



181, 0, 145



54, 0, 43

Inverse Universe

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



237, 166, 223



255, 163, 237



166, 208, 237



117, 106, 115



181, 0, 145



54, 0, 43

Previews

White Background



This preview shows how the RYB color 237, 166, 223 looks on a white background.

Color Contrast Check

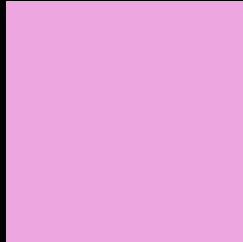
Large Text (above 18pt) WCAG AA × Fail

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 237, 166, 223 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 237, 166, 223 Background



This preview shows how black text looks on a background with the RYB color 237, 166, 223.

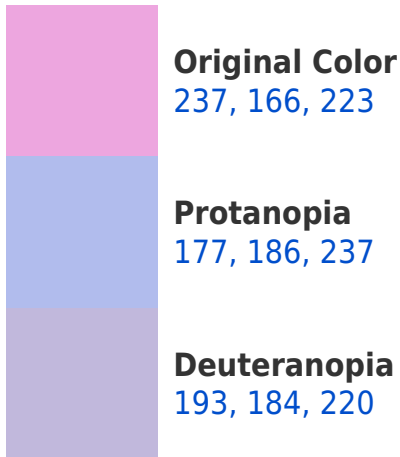



This preview shows how white text looks on a background with the RYB color 237, 166, 223.

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
232, 173, 186

Trichromacy



Original Color

237, 166, 223



Protanomaly

199, 179, 232



Deuteranomaly

209, 177, 221



Tritanomaly

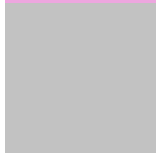
234, 170, 199

Monochromacy



Original Color

237, 166, 223



Achromatopsia

194, 194, 194



Achromatomaly

210, 184, 205

CSS Examples

Text

The CSS property to change the color of the text to RGB 237, 166, 223 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(237, 166, 223) looks like.

```
.text, #text, p{  
    color:rgb(237, 166, 223)  
}
```

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(237, 166, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 166, 223) }
```

Border

The CSS property to change the border of an element to RYB 237, 166, 223 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(237, 166, 223) }
```

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

```
.border{ border-color:rgb(237, 166, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 166, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 166, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 166, 223);  
box-shadow:4px 4px 4px 4px rgb(237, 166,  
223) }
```

Background

The CSS property to change the background color of an element to RYB 237, 166, 223 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 166, 223) }
```

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

```
.background{ background-color: rgb(237,  
166, 223) }
```

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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