

Converting Colors

`RYB(225, 138, 211)`

Have a look what the booklet for
RYB(225, 138, 211) contains.

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Color

R_YB(225, 138, 211)

Conversions

Conversions Part 1

Format	Color
Hex	E18AD3
RGB	225, 138, 211
RGB Percent	88%, 54%, 83%
CMY	0.1176, 0.4588, 0.1725
CMYK	0.00, 0.39, 0.06, 0.12
HSL	310°, 59%, 71%
HSV	310°, 39%, 88%
XYZ	51.8977, 38.8877, 66.3988
YIQ	172.3350, 28.4190, 41.1470

Conversions

Conversions Part 2

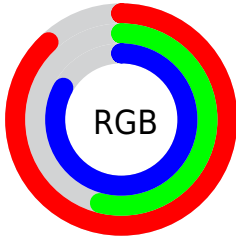
Format	Color
R _Y B	225, 138, 211
Decimal	14781139
CIE Lab	68.67, 43.71, -23.62
CIE LCh	69, 49.687, 331.617
Yxy	38.8877, 0.3302, 0.2474
Android (android.graphics.Color)	4292971219 (0xFFE18AD3)
YUV	172.3350, 19.0618, 46.1872
Hunter-Lab	62.3600, 39.4227, -19.4780

Details

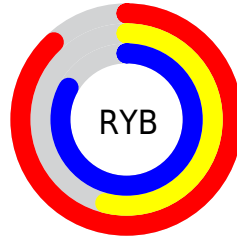
The RYB color **225, 138, 211** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **138, 213, 225**, and the grayscale version is **172, 172, 172**.

A 20% lighter version of the original color is **255, 193, 255**, and **168, 85, 156** is the 20% darker color. If you saturate the color by 10%, you get **225, 115, 207**, and if you desaturate by 10%, it is **225, 160, 215**.

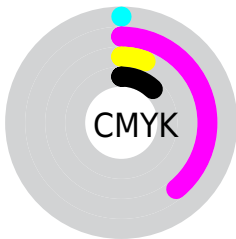
Distribution



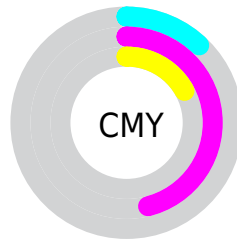
- Red (88%)
- Green (54%)
- Blue (83%)



- Red (88%)
- Yellow (54%)
- Blue (83%)



- Cyan (0%)
- Magenta (39%)
- Yellow (6%)
- Black (12%)




- Cyan (12%)
- Magenta (46%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the RYB color 225, 138, 211 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 225, 138, 211 by changing the saturation by 10% instead.

 225, 138, 211

 225, 138, 211


255, 255, 255

 196, 111, 183

 255, 193, 255

 168, 85, 156

 255, 221, 255

 141, 60, 130

 255, 250, 255

 114, 34, 105

 88, 1, 80

 62, 0, 57

 41, 0, 36

 0, 0, 10

 0, 0, 0

■ 225, 138, 211

■ 225, 138, 211

■ 225, 115, 207

■ 225, 160, 215

■ 225, 93, 204

■ 225, 183, 218

■ 225, 70, 200

■ 225, 206, 222

■ 225, 48, 197

■ 225, 228, 228

■ 225, 25, 193

■ 225, 248, 251

■ 225, 3, 189

■ 225, 249, 255

■ 225, 0, 189

■ 225, 247, 255

■ 225, 245, 255

■ 225, 243, 255

Harmonies

Analogous

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



174, 155, 244



225, 138, 211



250, 130, 167

Triad

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



225, 138, 211



108, 192, 75



0, 100, 213

Complementary

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



225, 138, 211



138, 213, 225

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.



0, 101, 190



225, 138, 211



88, 179, 121

Square

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



225, 138, 211



228, 198, 89



87, 161, 187



0, 105, 246

Rectangle

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



225, 138, 211



252, 132, 137



87, 161, 187



0, 97, 199

Sweetspot

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



225, 138, 211



255, 224, 250



151, 138, 225



128, 110, 125



0, 0, 0



128, 128, 128

Same Dimension

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



225, 138, 211



255, 138, 236



225, 138, 168



112, 101, 110



176, 0, 148



48, 0, 41

Inverse Universe

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



225, 138, 211



255, 138, 236



138, 191, 225



112, 101, 110



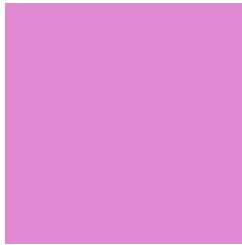
176, 0, 148



48, 0, 41

Previews

White Background



This preview shows how the RYB color 225, 138, 211 looks on a white background.

Color Contrast Check

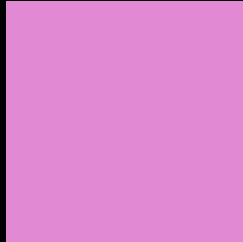
Large Text (above 18pt) WCAG AA × Fail

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 225, 138, 211 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 225, 138, 211 Background



This preview shows how black text looks on a background with the RYB color 225, 138, 211.



This preview shows how white text looks on a background with the RYB color 225, 138, 211.

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
225, 138, 211

Protanopia
148, 163, 231

Deuteranopia
165, 164, 206



Tritanopia
219, 148, 160

Trichromacy



Original Color

225, 138, 211



Protanomaly

176, 156, 224



Deuteranomaly

187, 155, 208



Tritanomaly

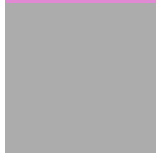
221, 144, 179

Monochromacy



Original Color

225, 138, 211



Achromatopsia

172, 172, 172



Achromatomaly

191, 160, 186

CSS Examples

Text

The CSS property to change the color of the text to RYB 225, 138, 211 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(225, 138, 211)` looks like.

```
.text, #text, p{  
    color:rgb(225, 138, 211)  
}
```

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(225, 138, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 138, 211) }
```

Border

The CSS property to change the border of an element to RYB 225, 138, 211 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(225, 138, 211) }
```

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

```
.border{ border-color:rgb(225, 138, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 138, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(225, 138, 211); -webkit-box-shadow:4px 4px 4px 4px rgb(225, 138, 211); box-shadow:4px 4px 4px 4px rgb(225, 138, 211) }
```

Background

The CSS property to change the background color of an element to RGB 225, 138, 211 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 138, 211) }
```

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

```
.background{ background-color: rgb(225,  
138, 211) }
```

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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