

Converting Colors

`RYB(227, 138, 185)`

Have a look what the booklet for
RYB(227, 138, 185) contains.

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Color

RYB(227, 138, 185)

Conversions

Conversions Part 1

Format	Color
Hex	E38AB9
RGB	227, 138, 185
RGB Percent	89%, 54%, 73%
CMY	0.1098, 0.4588, 0.2745
CMYK	0.00, 0.39, 0.19, 0.11
HSL	328°, 61%, 72%
HSV	328°, 39%, 89%
XYZ	49.5240, 38.0106, 50.6255
YIQ	169.9690, 37.9570, 33.4850

Conversions

Conversions Part 2

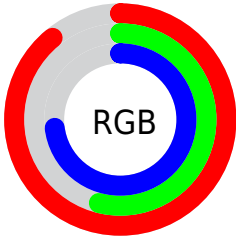
Format	Color
R _Y B	227, 138, 185
Decimal	14912185
CIE Lab	68.03, 40.15, -10.06
CIE LCh	68, 41.393, 345.928
Yxy	38.0106, 0.3585, 0.2751
Android (android.graphics.Color)	4293102265 (0xFFE38AB9)
YUV	169.9690, 7.4103, 50.0162
Hunter-Lab	61.6528, 35.4919, -5.5284

Details

The RYB color **227, 138, 185** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **138, 198, 227**, and the grayscale version is **170, 170, 170**.

A 20% lighter version of the original color is **255, 193, 241**, and **170, 86, 132** is the 20% darker color. If you saturate the color by 10%, you get **227, 115, 174**, and if you desaturate by 10%, it is **227, 161, 196**.

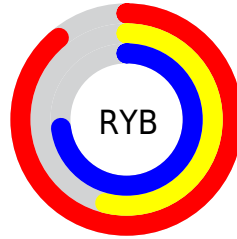
Distribution



Red (89%)

Green (54%)

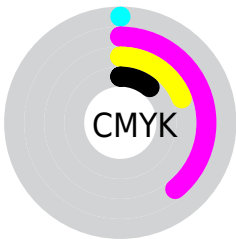
Blue (73%)



Red (89%)

Yellow (54%)

Blue (73%)

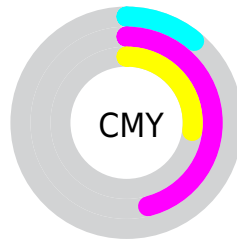


Cyan (0%)

Magenta (39%)

Yellow (19%)

Black (11%)



Cyan (11%)

Magenta (46%)

Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the RYB color 227, 138, 185 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 227, 138, 185 by changing the saturation by 10% instead.


 227, 138, 185

 227, 138, 185

255, 255, 255

 198, 112, 158


 255, 193, 241

 170, 86, 132

 255, 221, 255

 142, 60, 107

 255, 250, 255


 115, 35, 82


 89, 4, 59

 63, 0, 38

 42, 0, 16

 0, 0, 0

 227, 138, 185

 227, 138, 185

■ 227, 115, 174

■ 227, 161, 196

■ 227, 93, 164

■ 227, 183, 206

■ 227, 70, 153

■ 227, 206, 217

■ 227, 47, 142

■ 227, 228, 229

■ 227, 24, 131

■ 227, 244, 252

■ 227, 2, 121

■ 227, 243, 255

■ 227, 0, 120

■ 227, 241, 255

Harmonies

Analogous

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



195, 149, 218



227, 138, 185



238, 136, 147

Triad

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



227, 138, 185



92, 170, 92



0, 99, 218

Complementary

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



227, 138, 185



138, 198, 227

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, 93, 185



227, 138, 185



112, 179, 163

Square

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



227, 138, 185



177, 205, 93



76, 142, 184



70, 135, 238

Rectangle

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



227, 138, 185



234, 144, 124



76, 142, 184



0, 98, 208

Sweetspot

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



227, 138, 185



255, 224, 241



180, 138, 227



128, 110, 119



0, 0, 0



128, 128, 128

Same Dimension

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



227, 138, 185



255, 135, 198



227, 138, 141



115, 103, 109



179, 0, 94



51, 0, 27

Inverse Universe

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



227, 138, 185



255, 135, 198



138, 183, 227



115, 103, 109



179, 0, 94



51, 0, 27

Previews

White Background



This preview shows how the RYB color 227, 138, 185 looks on a white background.

Color Contrast Check

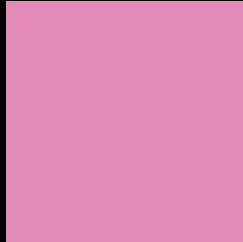
Large Text (above 18pt) WCAG AA × Fail

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 227, 138, 185 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 227, 138, 185 Background



This preview shows how black text looks on a background with the RYB color 227, 138, 185.



This preview shows how white text looks on a background with the RYB color 227, 138, 185.

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
227, 138, 185

Protanopia
158, 164, 203

Deuteranopia
176, 162, 181



Tritanopia
224, 144, 154

Trichromacy



Original Color

227, 138, 185



Protanomaly

183, 155, 196



Deuteranomaly

195, 153, 182



Tritanomaly

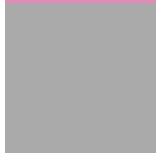
225, 142, 165

Monochromacy



Original Color

227, 138, 185



Achromatopsia

170, 170, 170



Achromatomaly

191, 158, 175

CSS Examples

Text

The CSS property to change the color of the text to RYB 227, 138, 185 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(227, 138, 185) looks like.

```
.text, #text, p{  
    color:rgb(227, 138, 185)  
}
```

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(227, 138, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 138, 185) }
```

Border

The CSS property to change the border of an element to RYB 227, 138, 185 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(227, 138, 185) }
```

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

```
.border{ border-color:rgb(227, 138, 185) }
```

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

Here you see how a box with a 4 pixel rgb(227, 138, 185) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 138, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 138, 185);  
box-shadow:4px 4px 4px 4px rgb(227, 138,  
185) }
```

Background

The CSS property to change the background color of an element to RYB 227, 138, 185 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 138, 185) }
```

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

```
.background{ background-color: rgb(227,  
138, 185) }
```

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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