

Converting Colors

`RYB(238, 128, 185)`

Have a look what the booklet for
RYB(238, 128, 185) contains.

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Color

RYB(238, 128, 185)

Conversions

Conversions Part 1

Format	Color
Hex	EE80B9
RGB	238, 128, 185
RGB Percent	93%, 50%, 73%
CMY	0.0667, 0.4980, 0.2745
CMYK	0.00, 0.46, 0.22, 0.07
HSL	329°, 76%, 72%
HSV	329°, 46%, 93%
XYZ	51.7360, 37.1183, 50.3367
YIQ	167.3880, 47.2630, 41.0470

Conversions

Conversions Part 2

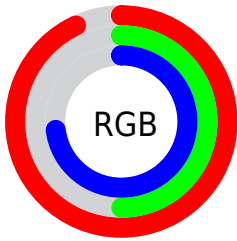
Format	Color
R _Y B	238, 128, 185
Decimal	15630521
CIE Lab	67.37, 48.91, -10.91
CIE LCh	67, 50.113, 347.423
Yxy	37.1183, 0.3717, 0.2667
Android (android.graphics.Color)	4293820601 (0xFFEE80B9)
YUV	167.3880, 8.6827, 61.9267
Hunter-Lab	60.9248, 44.9601, -6.3387

Details

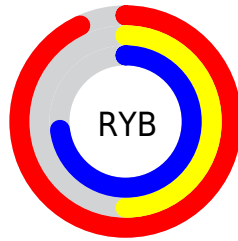
The RYB color **238, 128, 185** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **128, 202, 238**, and the grayscale version is **167, 167, 167**.

A 20% lighter version of the original color is **255, 183, 241**, and **180, 75, 132** is the 20% darker color. If you saturate the color by 10%, you get **238, 104, 174**, and if you desaturate by 10%, it is **238, 152, 196**.

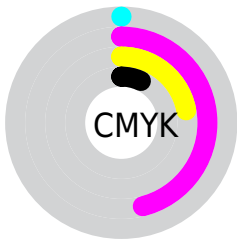
Distribution



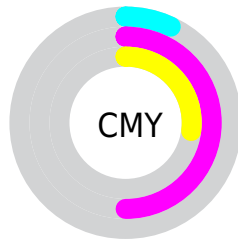
- Red (93%)
- Green (50%)
- Blue (73%)



- Red (93%)
- Yellow (50%)
- Blue (73%)



- Cyan (0%)
- Magenta (46%)
- Yellow (22%)
- Black (7%)



- Cyan (7%)
- Magenta (50%)
- Yellow (27%)


Brightness & Saturation Gradients

These gradients show how the RYB color 238, 128, 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 238, 128, 185 by changing the saturation by 10% instead.

 238, 128, 185


255, 255, 255


 255, 183, 241


 255, 212, 255

 255, 241, 255

 238, 128, 185

 209, 101, 158

 180, 75, 132

 151, 47, 107

 124, 15, 82


 96, 0, 59

 70, 0, 38

 46, 0, 16

 0, 0, 0

 238, 128, 185

 238, 128, 185

■ 238, 104, 174

■ 238, 152, 196

■ 238, 80, 162

■ 238, 176, 208

■ 238, 57, 151

■ 238, 199, 219

■ 238, 33, 139

■ 238, 223, 231

■ 238, 9, 128

■ 238, 244, 247

■ 238, 0, 123

■ 238, 247, 255

■ 238, 247, 255

Harmonies

Analogous

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



201, 142, 226



238, 128, 185



249, 127, 139

Triad

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



238, 128, 185



74, 170, 79



0, 102, 229

Complementary

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



238, 128, 185



128, 202, 238

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, 94, 190



238, 128, 185



101, 180, 168

Square

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



238, 128, 185



159, 207, 74



21, 116, 186



0, 103, 252

Rectangle

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



238, 128, 185



243, 137, 111



21, 116, 186



0, 100, 218

Sweetspot

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



238, 128, 185



255, 219, 238



179, 128, 238



128, 106, 117



0, 0, 0



128, 128, 128

Same Dimension

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



238, 128, 185



255, 115, 187



238, 128, 132



120, 108, 114



184, 0, 95



56, 0, 29

Inverse Universe

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



238, 128, 185



255, 115, 187



128, 184, 238



120, 108, 114



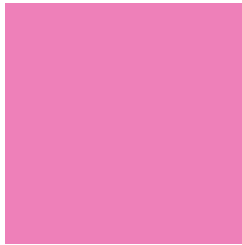
184, 0, 95



56, 0, 29

Previews

White Background



This preview shows how the RYB color 238, 128, 185 looks on a white background.

Color Contrast Check

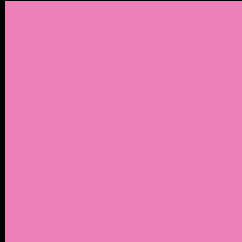
Large Text (above 18pt) WCAG AA × Fail

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 238, 128, 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 238, 128, 185 Background



This preview shows how black text looks on a background with the RYB color 238, 128, 185.



This preview shows how white text looks on a background with the RYB color 238, 128, 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
238, 128, 185

Protanopia
153, 161, 208

Deuteranopia
173, 160, 180



Tritanopia
234, 136, 146

Trichromacy



Original Color

238, 128, 185



Protanomaly

184, 150, 200



Deuteranomaly

197, 148, 182



Tritanomaly

235, 133, 160

Monochromacy



Original Color

238, 128, 185



Achromatopsia

167, 167, 167



Achromatomaly

193, 153, 174

CSS Examples

Text

The CSS property to change the color of the text to RYB 238, 128, 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(238, 128, 185)` looks like.

```
.text, #text, p{  
    color:rgb(238, 128, 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(238, 128, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 128, 185) }
```

Border

The CSS property to change the border of an element to RYB 238, 128, 185 is called "border". The border property can be set on classes, ids or directly on the HTML element.

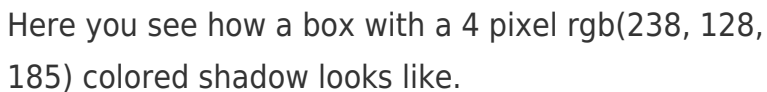
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(238, 128, 185) }
```

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

```
.border{ border-color:rgb(238, 128, 185) }
```

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



Here you see how a box with a 4 pixel `rgb(238, 128, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(238, 128, 185); -webkit-box-shadow:4px 4px 4px 4px rgb(238, 128, 185); box-shadow:4px 4px 4px 4px rgb(238, 128, 185) }
```

Background

The CSS property to change the background color of an element to RYB 238, 128, 185 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 128, 185) }
```

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

```
.background{ background-color: rgb(238,  
128, 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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