

Converting Colors

`RYB(225, 141, 187)`

Have a look what the booklet for
RYB(225, 141, 187) contains.

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Color

`RYB(225, 141, 187)`

Conversions

Conversions Part 1

Format	Color
Hex	E18DBB
RGB	225, 141, 187
RGB Percent	88%, 55%, 73%
CMY	0.1176, 0.4471, 0.2667
CMYK	0.00, 0.37, 0.17, 0.12
HSL	327°, 58%, 72%
HSV	327°, 37%, 88%
XYZ	49.5459, 38.6452, 51.8616
YIQ	171.3600, 35.2980, 32.1140

Conversions

Conversions Part 2

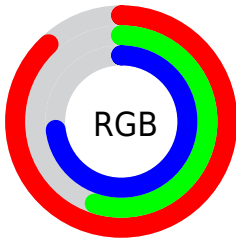
Format	Color
R _Y B	225, 141, 187
Decimal	14781883
CIE Lab	68.49, 38.21, -10.51
CIE LCh	68, 39.626, 344.614
Yxy	38.6452, 0.3538, 0.2759
Android (android.graphics.Color)	4292971963 (0xFFE18DBB)
YUV	171.3600, 7.7105, 47.0423
Hunter-Lab	62.1652, 33.4758, -5.9473

Details

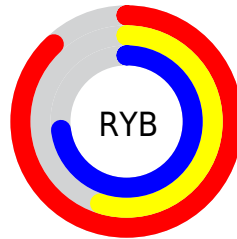
The RYB color **225, 141, 187** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **141, 199, 225**, and the grayscale version is **171, 171, 171**.

A 20% lighter version of the original color is **255, 196, 243**, and **168, 89, 134** is the 20% darker color. If you saturate the color by 10%, you get **225, 119, 177**, and if you desaturate by 10%, it is **225, 164, 197**.

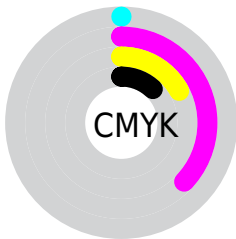
Distribution



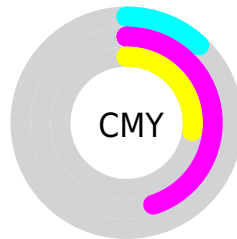
- Red (88%)
- Green (55%)
- Blue (73%)



- Red (88%)
- Yellow (55%)
- Blue (73%)



- Cyan (0%)
- Magenta (37%)
- Yellow (17%)
- Black (12%)



- Cyan (12%)
- Magenta (45%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the RYB color 225, 141, 187 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, 141, 187 by changing the saturation by 10% instead.

 225, 141, 187


255, 255, 255

 255, 196, 243


 255, 224, 255


 255, 253, 255

 225, 141, 187

 196, 115, 160

 168, 89, 134

 141, 64, 109

 114, 39, 84


 88, 10, 61

 62, 0, 39

 41, 0, 19

 0, 0, 0

 225, 141, 187

 225, 141, 187

■ 225, 119, 177

■ 225, 164, 197

■ 225, 96, 167

■ 225, 186, 207

■ 225, 74, 156

■ 225, 209, 218

■ 225, 51, 146

■ 225, 229, 231

■ 225, 29, 136

■ 225, 245, 254

■ 225, 6, 126

■ 225, 242, 255

■ 225, 0, 123

■ 225, 240, 255

Harmonies

Analogous

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



193, 151, 218



225, 141, 187



237, 139, 151

Triad

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



225, 141, 187



99, 173, 96



0, 99, 216

Complementary

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



225, 141, 187



141, 199, 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.



8, 98, 186



225, 141, 187



115, 180, 162

Square

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



225, 141, 187



181, 206, 98



86, 147, 185



77, 138, 235

Rectangle

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



225, 141, 187



233, 146, 128



86, 147, 185



0, 98, 207

Sweetspot

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



225, 141, 187



255, 227, 242



179, 141, 225



128, 111, 120



0, 0, 0



128, 128, 128

Same Dimension

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



225, 141, 187



255, 140, 203



225, 141, 145



112, 101, 107



176, 0, 96



48, 0, 27

Inverse Universe

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



225, 141, 187



255, 140, 203



141, 184, 225



112, 101, 107



176, 0, 96



48, 0, 27

Previews

White Background



This preview shows how the RYB color 225, 141, 187 looks on a white background.

Color Contrast Check

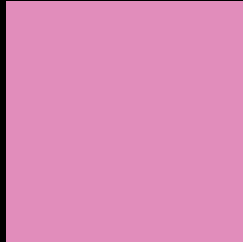
Large Text (above 18pt) WCAG AA × Fail

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, 141, 187 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, 141, 187 Background



This preview shows how black text looks on a background with the RYB color 225, 141, 187.



This preview shows how white text looks on a background with the RYB color 225, 141, 187.

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, 141, 187

Protanopia
159, 165, 203

Deuteranopia
176, 163, 183



Tritanopia
222, 146, 158

Trichromacy



Original Color

225, 141, 187



Protanomaly

183, 157, 197



Deuteranomaly

194, 155, 184



Tritanomaly

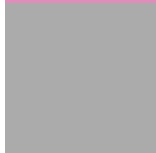
223, 144, 169

Monochromacy



Original Color

225, 141, 187



Achromatopsia

171, 171, 171



Achromatomaly

191, 160, 177

CSS Examples

Text

The CSS property to change the color of the text to RYB 225, 141, 187 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, 141, 187)` looks like.

```
.text, #text, p{  
    color:rgb(225, 141, 187)  
}
```

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, 141, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 141, 187) }
```

Border

The CSS property to change the border of an element to RYB 225, 141, 187 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, 141, 187) }
```

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

```
.border{ border-color:rgb(225, 141, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 141, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 141, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 141, 187);  
box-shadow:4px 4px 4px 4px rgb(225, 141,  
187) }
```

Background

The CSS property to change the background color of an element to RYB 225, 141, 187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 141, 187) }
```

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

```
.background{ background-color: rgb(225,  
141, 187) }
```

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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