

Converting Colors

RGB(231, 83, 159)

Have a look what the booklet for
RGB(231, 83, 159) contains.

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Color

RGB(231, 83, 159)

Conversions

Conversions Part 1

Format	Color
Hex	E7539F
RGB	231, 83, 159
RGB Percent	91%, 33%, 62%
CMY	0.0941, 0.6745, 0.3765
CMYK	0.00, 0.64, 0.31, 0.09
HSL	329°, 76%, 62%
HSV	329°, 64%, 91%
XYZ	42.3063, 25.6786, 35.5276
YIQ	135.9160, 63.8120, 55.0120

Conversions

Conversions Part 2

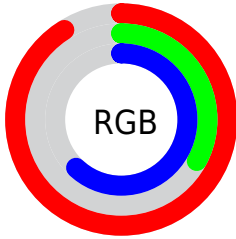
Format	Color
R _Y B	231, 83, 159
Decimal	15160223
CIE Lab	57.73, 63.96, -10.57
CIE LCh	58, 64.824, 350.618
Yxy	25.6786, 0.4087, 0.2481
Android (android.graphics.Color)	4293350303 (0xFFE7539F)
YUV	135.9160, 11.3804, 83.3887
Hunter-Lab	50.6741, 60.3446, -6.0963

Details

The RGB color **231, 83, 159** is a light color, and the websafe version is hex **CC3399**. The color can be described as light muted rose. A complement of this color would be **83, 231, 155**, and the grayscale version is **136, 136, 136**.

A 20% lighter version of the original color is **255, 140, 214**, and **171, 8, 108** is the 20% darker color. If you saturate the color by 10%, you get **231, 60, 148**, and if you desaturate by 10%, it is **231, 106, 170**.

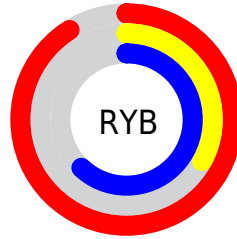
Distribution



Red (91%)

Green (33%)

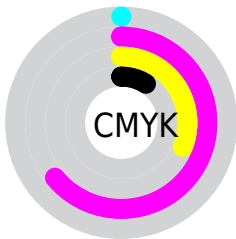
Blue (62%)



Red (91%)

Yellow (33%)

Blue (62%)

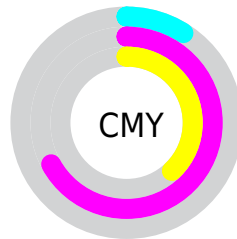


Cyan (0%)

Magenta (64%)

Yellow (31%)

Black (9%)



Cyan (9%)


Magenta (67%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the RGB color 231, 83, 159 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 RGB color 231, 83, 159 by changing the saturation by 10% instead.


 231, 83, 159

 231, 83, 159

255, 255, 255

 201, 52, 133

 255, 140, 214

 171, 8, 108

 255, 169, 242

 142, 0, 83

 255, 198, 255

 113, 0, 60


 255, 227, 255


 85, 0, 38

 59, 0, 17

 23, 0, 0

 0, 0, 0

 231, 83, 159

 231, 83, 159

■ 231, 60, 148

■ 231, 106, 170

■ 231, 37, 137

■ 231, 129, 181

■ 231, 14, 125

■ 231, 152, 193

■ 231, 0, 119

■ 231, 175, 204

■ 231, 199, 215

■ 231, 222, 226

■ 231, 245, 238

■ 231, 255, 249

■ 231, 255, 255

Harmonies

Analogous

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



189, 105, 211



231, 83, 159



239, 84, 102

Triad

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



231, 83, 159



129, 148, 2



0, 161, 226

Complementary

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



231, 83, 159



83, 231, 155

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, 165, 177



231, 83, 159



52, 158, 61

Square

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



231, 83, 159



181, 130, 0



0, 164, 118



0, 151, 251

Rectangle

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



231, 83, 159



229, 98, 67



0, 164, 118



0, 163, 211

Sweetspot

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



231, 83, 159



255, 207, 231



155, 83, 231



128, 98, 113



0, 0, 0



128, 128, 128

Same Dimension

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



231, 83, 159



255, 59, 159



231, 83, 85



115, 103, 109



179, 0, 92



51, 0, 26

Inverse Universe

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



231, 83, 159



255, 59, 159



83, 231, 229



115, 103, 109



179, 0, 92



51, 0, 26

Previews

White Background



This preview shows how the RGB color 231, 83, 159 looks on a white background.

Color Contrast Check

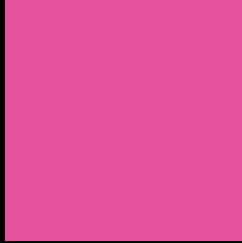
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the RGB color 231, 83, 159 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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 231, 83, 159 Background



This preview shows how black text looks on a background with the RGB color 231, 83, 159.

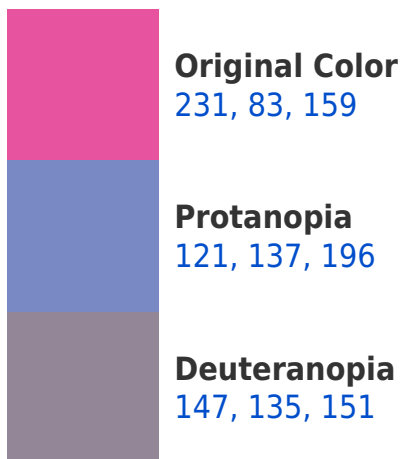


This preview shows how white text looks on a background with the RGB color 231, 83, 159.

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
226, 96, 103

Trichromacy



Original Color
231, 83, 159



Protanomaly
161, 117, 183



Deuteranomaly
178, 116, 154



Tritanomaly
228, 91, 123

Monochromacy



Original Color
231, 83, 159



Achromatopsia
136, 136, 136



Achromatomaly
171, 117, 144

CSS Examples

Text

The CSS property to change the color of the text to RGB 231, 83, 159 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(231, 83, 159)` looks like.

```
.text, #text, p{  
    color:rgb(231, 83, 159)  
}
```

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(231, 83, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 83, 159) }
```

Border

The CSS property to change the border of an element to RGB 231, 83, 159 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(231, 83, 159) }
```

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

```
.border{ border-color:rgb(231, 83, 159) }
```

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

Here you see how a box with a 4 pixel rgb(231, 83, 159) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 83, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 83, 159);  
box-shadow:4px 4px 4px 4px rgb(231, 83,  
159) }
```

Background

The CSS property to change the background color of an element to RGB 231, 83, 159 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 83, 159) }
```

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

```
.background{ background-color: rgb(231, 83,  
159) }
```

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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