

Converting Colors

RGB(231, 7, 157)

Have a look what the booklet for
RGB(231, 7, 157) contains.

RGB(231, 7, 157)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(231, 7, 157)

Conversions

Conversions Part 1

Format	Color
Hex	E7079D
RGB	231, 7, 157
RGB Percent	91%, 3%, 62%
CMY	0.0941, 0.9725, 0.3843
CMYK	0.00, 0.97, 0.32, 0.09
HSL	320°, 94%, 47%
HSV	320°, 97%, 91%
XYZ	39.1168, 19.5752, 33.6150
YIQ	91.0760, 85.3540, 94.1380

Conversions

Conversions Part 2

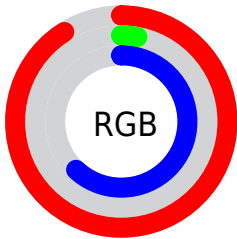
Format	Color
RYB	231, 7, 157
Decimal	15140765
CIELab	51.35, 81.60, -19.05
CIElCh	51, 83.792, 346.862
Yxy	19.5752, 0.4238, 0.2121
Android (android.graphics.Color)	4293330845 (0xFFE7079D)
YUV	91.0760, 32.5005, 122.7133
Hunter-Lab	44.2439, 80.3882, -14.0758

Details

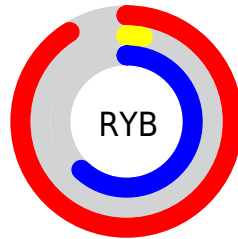
The RGB color **231, 7, 157** is a dark color, and the websafe version is hex **CC0099**. The color can be described as dark washed rose. A complement of this color would be **7, 231, 81**, and the grayscale version is **91, 91, 91**.

A 20% lighter version of the original color is **255, 97, 212**, and **170, 0, 106** is the 20% darker color. If you saturate the color by 10%, you get **231, 0, 155**, and if you desaturate by 10%, it is **231, 30, 165**.

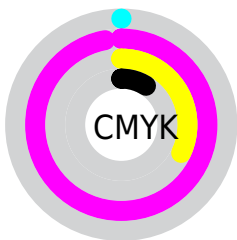
Distribution



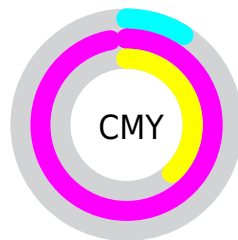
- Red (91%)
- Green (3%)
- Blue (62%)



- Red (91%)
- Yellow (3%)
- Blue (62%)



- Cyan (0%)
- Magenta (97%)
- Yellow (32%)
- Black (9%)





- Cyan (9%)
- Magenta (97%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the RGB color 231, 7, 157 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, 7, 157 by changing the saturation by 10% instead.

 231, 7, 157

 231, 7, 157

255, 255, 255

 200, 0, 131

 255, 97, 212

 170, 0, 106

 255, 129, 240

 140, 0, 81

 255, 159, 255

 110, 0, 58

 255, 189, 255

 82, 0, 37

 255, 220, 255


 52, 0, 12

 255, 250, 255

 3, 0, 0

 0, 0, 0

 231, 7, 157

 231, 7, 157

■ 231, 0, 155

■ 231, 30, 165

■ 231, 53, 172

■ 231, 76, 180

■ 231, 99, 188

■ 231, 122, 195

■ 231, 146, 203

■ 231, 169, 210

■ 231, 192, 218

■ 231, 215, 226

Harmonies

Analogous

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



172, 78, 222



231, 7, 157



243, 0, 86

Triad

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



231, 7, 157



111, 131, 0



0, 150, 227

Complementary

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



231, 7, 157



7, 231, 81

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, 152, 162



231, 7, 157



0, 144, 0

Square

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



231, 7, 157



175, 108, 0



0, 150, 87



0, 140, 255

Rectangle

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



231, 7, 157



232, 51, 39



0, 150, 87



0, 151, 208

Sweetspot

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



231, 7, 157



255, 181, 231



78, 7, 231



128, 83, 113



0, 0, 0



128, 128, 128

Same Dimension

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



231, 7, 157



255, 0, 171



231, 7, 48



115, 103, 111



179, 0, 120



51, 0, 34

Inverse Universe

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



231, 7, 157



255, 0, 171



7, 231, 190



115, 103, 111



179, 0, 120



51, 0, 34

Previews

White Background



This preview shows how the RGB color 231, 7, 157 looks on a white background.

Color Contrast Check

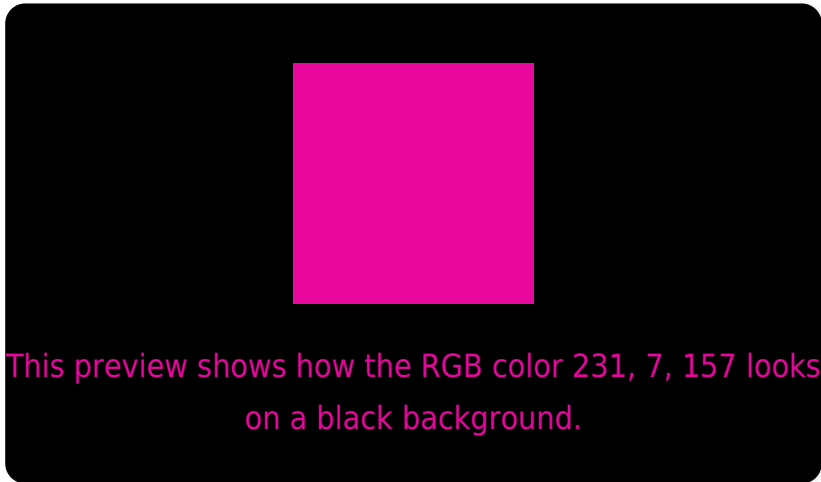
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



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, 7, 157 Background



This preview shows how black text looks on a background with the RGB color 231, 7, 157.

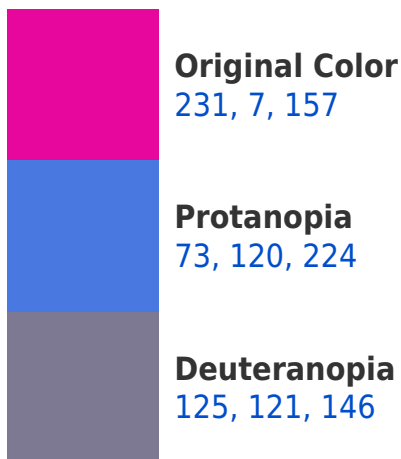


This preview shows how white text looks on a background with the RGB color 231, 7, 157.

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
225, 62, 65

Trichromacy



Original Color

231, 7, 157



Protanomaly

130, 79, 200



Deuteranomaly

164, 80, 150



Tritanomaly

227, 42, 98

Monochromacy



Original Color

231, 7, 157



Achromatopsia

91, 91, 91



Achromatomaly

142, 60, 115

CSS Examples

Text

The CSS property to change the color of the text to RGB 231, 7, 157 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, 7, 157)` looks like.

```
.text, #text, p{  
    color:rgb(231, 7, 157)  
}
```

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, 7, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 7, 157) }
```

Border

The CSS property to change the border of an element to RGB 231, 7, 157 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, 7, 157) }
```

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

```
.border{ border-color:rgb(231, 7, 157) }
```

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

Here you see how a box with a 4 pixel rgb(231, 7, 157) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 7, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 7, 157);  
box-shadow:4px 4px 4px 4px rgb(231, 7,  
157) }
```

Background

The CSS property to change the background color of an element to RGB 231, 7, 157 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 7, 157) }
```

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

```
.background{ background-color: rgb(231, 7,  
157) }
```

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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