

Converting Colors

RGB(231, 131, 218)

Have a look what the booklet for
RGB(231, 131, 218) contains.

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Color

RGB(231, 131, 218)

Conversions

Conversions Part 1

Format	Color
Hex	E783DA
RGB	231, 131, 218
RGB Percent	91%, 51%, 85%
CMY	0.0941, 0.4863, 0.1451
CMYK	0.00, 0.43, 0.06, 0.09
HSL	308°, 68%, 71%
HSV	308°, 43%, 91%
XYZ	53.7262, 38.2835, 70.8874
YIQ	170.8180, 31.6730, 48.2570

Conversions

Conversions Part 2

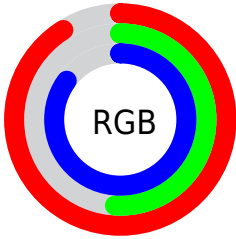
Format	Color
R _Y B	231, 131, 218
Decimal	15172570
CIE Lab	68.23, 50.36, -28.12
CIE LCh	68, 57.677, 330.823
Yxy	38.2835, 0.3298, 0.2350
Android (android.graphics.Color)	4293362650 (0xFFE783DA)
YUV	170.8180, 23.2607, 52.7796
Hunter-Lab	61.8736, 46.7164, -24.6159

Details

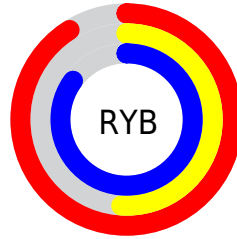
The RGB color **231, 131, 218** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **131, 231, 144**, and the grayscale version is **171, 171, 171**.

A 20% lighter version of the original color is **255, 186, 255**, and **174, 78, 163** is the 20% darker color. If you saturate the color by 10%, you get **231, 108, 215**, and if you desaturate by 10%, it is **231, 154, 221**.

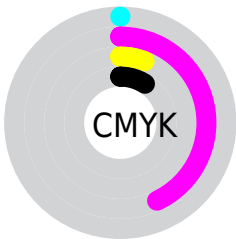
Distribution



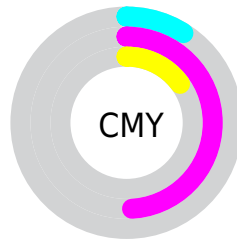
- Red (91%)
- Green (51%)
- Blue (85%)



- Red (91%)
- Yellow (51%)
- Blue (85%)



- Cyan (0%)
- Magenta (43%)
- Yellow (6%)
- Black (9%)





- Cyan (9%)
- Magenta (49%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the RGB color 231, 131, 218 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, 131, 218 by changing the saturation by 10% instead.


 231, 131, 218

 231, 131, 218


255, 255, 255

 202, 104, 190

 255, 186, 255

 174, 78, 163

 255, 215, 255

 146, 51, 136

 255, 244, 255

 118, 21, 111


 92, 0, 86


 66, 0, 62


 43, 0, 40


 0, 1, 17


 0, 0, 0


 231, 131, 218


 231, 131, 218

 231, 108, 215


 231, 154, 221

 231, 85, 212


 231, 177, 224


 231, 62, 209


 231, 200, 227


 231, 39, 206

 231, 223, 230

 231, 16, 203

 231, 247, 233

 231, 0, 201

 231, 255, 236

 231, 255, 239

 231, 255, 242

 231, 255, 245

Harmonies

Analogous

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



170, 152, 255



231, 131, 218



255, 120, 167

Triad

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



231, 131, 218



194, 164, 55



0, 191, 218

Complementary

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



231, 131, 218



131, 231, 144

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, 192, 166



231, 131, 218



141, 179, 71

Square

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



231, 131, 218



235, 145, 75



67, 188, 113



0, 185, 255

Rectangle

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



231, 131, 218



255, 122, 132



67, 188, 113



0, 192, 202

Sweetspot

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



231, 131, 218



255, 222, 251



143, 131, 231



128, 107, 125



0, 0, 0



128, 128, 128

Same Dimension

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



231, 131, 218



255, 122, 238



231, 131, 169



115, 103, 113



179, 0, 155



51, 0, 44

Inverse Universe

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



231, 131, 218



255, 122, 238



131, 231, 193



115, 103, 113



179, 0, 155



51, 0, 44

Previews

White Background



This preview shows how the RGB color 231, 131, 218 looks on a white background.

Color Contrast Check

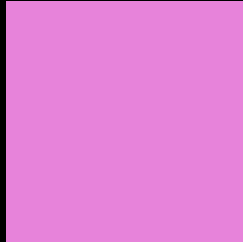
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RGB color 231, 131, 218 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](#).

RGB 231, 131, 218 Background



This preview shows how black text looks on a background with the RGB color 231, 131, 218.

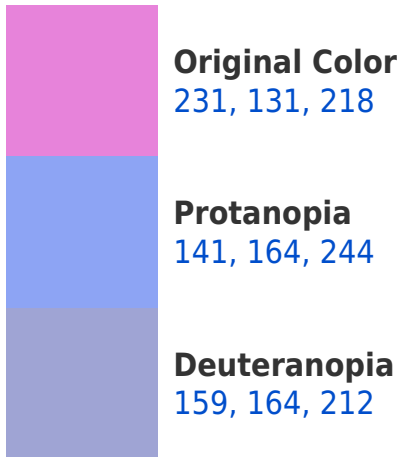


This preview shows how white text looks on a background with the RGB color 231, 131, 218.

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
223, 144, 155

Trichromacy



Original Color
231, 131, 218



Protanomaly
174, 152, 235



Deuteranomaly
185, 152, 214



Tritanomaly
226, 139, 178

Monochromacy



Original Color
231, 131, 218



Achromatopsia
171, 171, 171



Achromatomaly
193, 156, 188

CSS Examples

Text

The CSS property to change the color of the text to RGB 231, 131, 218 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, 131, 218)` looks like.

```
.text, #text, p{  
    color:rgb(231, 131, 218)  
}
```

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, 131, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 131, 218) }
```

Border

The CSS property to change the border of an element to RGB 231, 131, 218 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, 131, 218) }
```

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

```
.border{ border-color:rgb(231, 131, 218) }
```

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

Here you see how a box with a 4 pixel rgb(231, 131, 218) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 131, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 131, 218);  
box-shadow:4px 4px 4px 4px rgb(231, 131,  
218) }
```

Background

The CSS property to change the background color of an element to RGB 231, 131, 218 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 131, 218) }
```

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

```
.background{ background-color: rgb(231,  
131, 218) }
```

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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