

Converting Colors

RGB(231, 139, 214)

Have a look what the booklet for
RGB(231, 139, 214) contains.

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Color

RGB(231, 139, 214)

Conversions

Conversions Part 1

Format	Color
Hex	E78BD6
RGB	231, 139, 214
RGB Percent	91%, 55%, 84%
CMY	0.0941, 0.4549, 0.1608
CMYK	0.00, 0.40, 0.07, 0.09
HSL	311°, 66%, 73%
HSV	311°, 40%, 91%
XYZ	54.3252, 40.3092, 68.5355
YIQ	175.0580, 30.7570, 42.8290

Conversions

Conversions Part 2

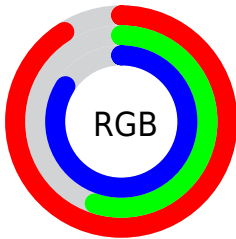
Format	Color
R _Y B	231, 139, 214
Decimal	15174614
CIE Lab	69.69, 45.60, -23.66
CIE LCh	70, 51.370, 332.573
Yxy	40.3092, 0.3329, 0.2470
Android (android.graphics.Color)	4293364694 (0xFFE78BD6)
YUV	175.0580, 19.1984, 49.0611
Hunter-Lab	63.4895, 41.6280, -19.5596

Details

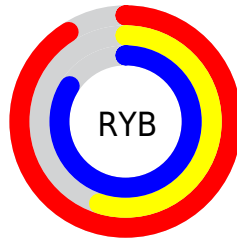
The RGB color **231, 139, 214** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **139, 231, 156**, and the grayscale version is **175, 175, 175**.

A 20% lighter version of the original color is **255, 194, 255**, and **174, 86, 159** is the 20% darker color. If you saturate the color by 10%, you get **231, 116, 210**, and if you desaturate by 10%, it is **231, 162, 218**.

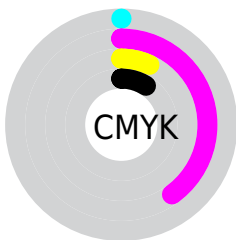
Distribution



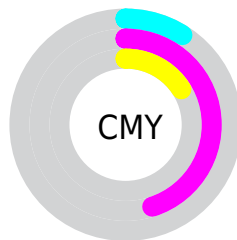
- Red (91%)
- Green (55%)
- Blue (84%)



- Red (91%)
- Yellow (55%)
- Blue (84%)



- Cyan (0%)
- Magenta (40%)
- Yellow (7%)
- Black (9%)





- Cyan (9%)
- Magenta (45%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the RGB color 231, 139, 214 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, 139, 214 by changing the saturation by 10% instead.

 231, 139, 214

 231, 139, 214

255, 255, 255

 202, 112, 186

 255, 194, 255

 174, 86, 159

 255, 223, 255

 146, 60, 133

 255, 252, 255

 119, 33, 107


 93, 0, 83


 67, 0, 60


 46, 0, 38


 0, 0, 14


 0, 0, 0


 231, 139, 214


 231, 139, 214

 231, 116, 210


 231, 162, 218


 231, 93, 205


 231, 185, 223

 231, 70, 201

 231, 208, 227

 231, 47, 197

 231, 231, 231

 231, 23, 193


 231, 254, 235

 231, 0, 188

 231, 255, 240

 231, 0, 188

 231, 255, 244

 231, 255, 248

 231, 255, 252

Harmonies

Analogous

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



179, 156, 249



231, 139, 214



255, 130, 168

Triad

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



231, 139, 214



194, 169, 74



0, 193, 219

Complementary

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



231, 139, 214



139, 231, 156

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, 194, 173



231, 139, 214



146, 182, 88

Square

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



231, 139, 214



232, 152, 88



83, 190, 126



0, 186, 252

Rectangle

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



231, 139, 214



255, 133, 137



83, 190, 126



0, 194, 205

Sweetspot

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



231, 139, 214



255, 224, 249



156, 139, 231



128, 110, 124



0, 0, 0



128, 128, 128

Same Dimension

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



231, 139, 214



255, 133, 232



231, 139, 168



115, 103, 113



179, 0, 146



51, 0, 42

Inverse Universe

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



231, 139, 214



255, 133, 232



139, 231, 202



115, 103, 113



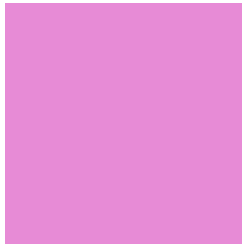
179, 0, 146



51, 0, 42

Previews

White Background



This preview shows how the RGB color 231, 139, 214 looks on a white background.

Color Contrast Check

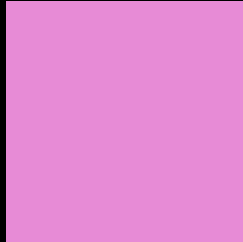
Large Text (above 18pt) WCAG AA × Fail

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, 139, 214 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, 139, 214 Background



This preview shows how black text looks on a background with the RGB color 231, 139, 214.




This preview shows how white text looks on a background with the RGB color 231, 139, 214.

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, 150, 161

Trichromacy



Original Color

231, 139, 214



Protanomaly

180, 157, 228



Deuteranomaly

191, 157, 211



Tritanomaly

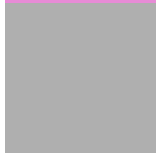
227, 146, 180

Monochromacy



Original Color

231, 139, 214



Achromatopsia

175, 175, 175



Achromatomaly

195, 162, 189

CSS Examples

Text

The CSS property to change the color of the text to RGB 231, 139, 214 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, 139, 214)` looks like.

```
.text, #text, p{  
    color:rgb(231, 139, 214)  
}
```

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, 139, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 139, 214) }
```

Border

The CSS property to change the border of an element to RGB 231, 139, 214 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, 139, 214) }
```

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

```
.border{ border-color:rgb(231, 139, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 139, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 139, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 139, 214);  
box-shadow:4px 4px 4px 4px rgb(231, 139,  
214) }
```

Background

The CSS property to change the background color of an element to RGB 231, 139, 214 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 139, 214) }
```

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

```
.background{ background-color: rgb(231,  
139, 214) }
```

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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