

Converting Colors

RGB(234, 123, 222)

Have a look what the booklet for
RGB(234, 123, 222) contains.

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Color

RGB(234, 123, 222)

Conversions

Conversions Part 1

Format	Color
Hex	EA7BDE
RGB	234, 123, 222
RGB Percent	92%, 48%, 87%
CMY	0.0824, 0.5176, 0.1294
CMYK	0.00, 0.47, 0.05, 0.08
HSL	306°, 73%, 70%
HSV	306°, 47%, 92%
XYZ	54.1995, 36.9323, 73.3793
YIQ	167.4750, 34.3770, 54.3210

Conversions

Conversions Part 2

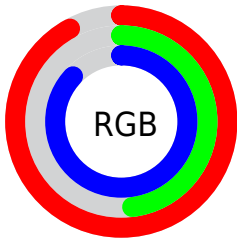
Format	Color
R_{YB}	234, 123, 222
Decimal	15367134
CIE _{Lab}	67.23, 55.89, -31.85
CIE _{LCh}	67, 64.332, 330.320
Yxy	36.9323, 0.3295, 0.2245
Android (android.graphics.Color)	4293557214 (0xFFEA7BDE)
YUV	167.4750, 26.8808, 58.3424
Hunter-Lab	60.7719, 52.8444, -29.0496

Details

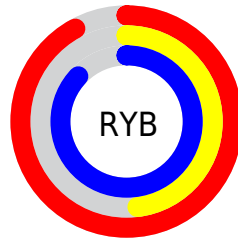
The RGB color **234, 123, 222** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **123, 234, 135**, and the grayscale version is **167, 167, 167**.

A 20% lighter version of the original color is **255, 179, 255**, and **176, 68, 167** is the 20% darker color. If you saturate the color by 10%, you get **234, 100, 219**, and if you desaturate by 10%, it is **234, 146, 225**.

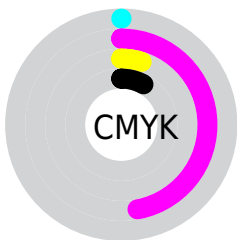
Distribution



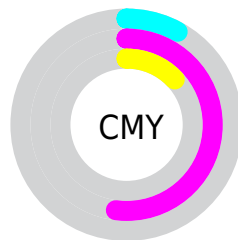
- Red (92%)
- Green (48%)
- Blue (87%)



- Red (92%)
- Yellow (48%)
- Blue (87%)



- Cyan (0%)
- Magenta (47%)
- Yellow (5%)
- Black (8%)




- Cyan (8%)
- Magenta (52%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the RGB color 234, 123, 222 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 234, 123, 222 by changing the saturation by 10% instead.

 234, 123, 222

 234, 123, 222

255, 255, 255

 205, 96, 194

 255, 179, 255

 176, 68, 167

 255, 207, 255

 148, 40, 140

 255, 236, 255

 120, 0, 114


 93, 0, 89

 67, 0, 65

 43, 0, 43

 0, 0, 21

 0, 0, 0

 234, 123, 222

 234, 123, 222

 234, 100, 219

 234, 146, 225

 234, 76, 217

 234, 170, 227

 234, 53, 214

 234, 193, 230

 234, 29, 212

 234, 217, 232

 234, 6, 209

 234, 240, 235

 234, 0, 209

 234, 255, 237

 234, 255, 240

 234, 255, 242

 234, 255, 245

Harmonies

Analogous

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



164, 148, 255



234, 123, 222



255, 109, 165

Triad

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



234, 123, 222



193, 161, 33



0, 191, 221

Complementary

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



234, 123, 222



123, 234, 135

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, 191, 162



234, 123, 222



135, 177, 54

Square

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



234, 123, 222



238, 139, 61



41, 187, 103



0, 184, 255

Rectangle

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



234, 123, 222



255, 112, 127



41, 187, 103



0, 191, 202

Sweetspot

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



234, 123, 222



255, 219, 251



134, 123, 234



128, 106, 125



0, 0, 0



128, 128, 128

Same Dimension

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



234, 123, 222



255, 110, 239



234, 123, 167



117, 106, 116



181, 0, 161



54, 0, 48

Inverse Universe

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



234, 123, 222



255, 110, 239



123, 234, 190



117, 106, 116



181, 0, 161



54, 0, 48

Previews

White Background



This preview shows how the RGB color 234, 123, 222 looks on a white background.

Color Contrast Check

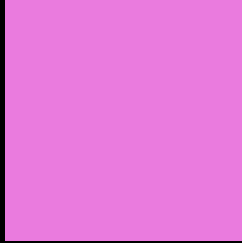
Large Text (above 18pt) WCAG AA × Fail

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 234, 123, 222 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 234, 123, 222 Background



This preview shows how black text looks on a background with the RGB color 234, 123, 222.



This preview shows how white text looks on a background with the RGB color 234, 123, 222.

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
234, 123, 222

Protanopia
131, 161, 252

Deuteranopia
152, 161, 215



Tritanopia
225, 139, 150

Trichromacy



Original Color

234, 123, 222



Protanomaly

168, 147, 241



Deuteranomaly

182, 147, 218



Tritanomaly

228, 133, 176

Monochromacy



Original Color

234, 123, 222



Achromatopsia

167, 167, 167



Achromatomaly

191, 151, 187

CSS Examples

Text

The CSS property to change the color of the text to RGB 234, 123, 222 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(234, 123, 222)` looks like.

```
.text, #text, p{  
    color:rgb(234, 123, 222)  
}
```

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(234, 123, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 123, 222) }
```

Border

The CSS property to change the border of an element to RGB 234, 123, 222 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(234, 123, 222) }
```

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

```
.border{ border-color:rgb(234, 123, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 123, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 123, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 123, 222);  
box-shadow:4px 4px 4px 4px rgb(234, 123,  
222) }
```

Background

The CSS property to change the background color of an element to RGB 234, 123, 222 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 123, 222) }
```

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

```
.background{ background-color: rgb(234,  
123, 222) }
```

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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