

Converting Colors

RGB(236, 124, 231)

Have a look what the booklet for
RGB(236, 124, 231) contains.

RGB(236, 124, 231)	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(236, 124, 231)

Conversions

Conversions Part 1

Format	Color
Hex	EC7CE7
RGB	236, 124, 231
RGB Percent	93%, 49%, 91%
CMY	0.0745, 0.5137, 0.0941
CMYK	0.00, 0.47, 0.02, 0.07
HSL	303°, 75%, 71%
HSV	303°, 47%, 93%
XYZ	56.2235, 38.0177, 79.9761
YIQ	169.6860, 32.4050, 57.0210

Conversions

Conversions Part 2

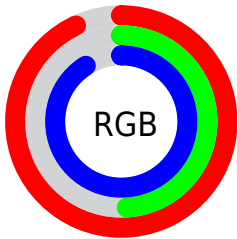
Format	Color
R _Y B	236, 124, 231
Decimal	15498471
CIE Lab	68.03, 57.51, -35.57
CIE LCh	68, 67.619, 328.265
Yxy	38.0177, 0.3227, 0.2182
Android (android.graphics.Color)	4293688551 (0xFFEC7CE7)
YUV	169.6860, 30.2278, 58.1574
Hunter-Lab	61.6585, 54.8635, -33.7431

Details

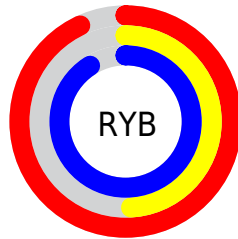
The RGB color **236, 124, 231** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **124, 236, 129**, and the grayscale version is **169, 169, 169**.

A 20% lighter version of the original color is **255, 180, 255**, and **178, 69, 175** is the 20% darker color. If you saturate the color by 10%, you get **236, 100, 230**, and if you desaturate by 10%, it is **236, 148, 232**.

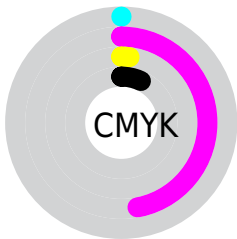
Distribution



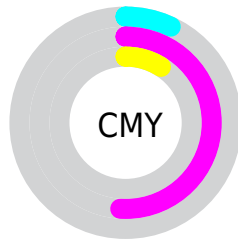
- Red (93%)
- Green (49%)
- Blue (91%)



- Red (93%)
- Yellow (49%)
- Blue (91%)



- Cyan (0%)
- Magenta (47%)
- Yellow (2%)
- Black (7%)




- Cyan (7%)
- Magenta (51%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the RGB color 236, 124, 231 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 236, 124, 231 by changing the saturation by 10% instead.

 236, 124, 231

 236, 124, 231

255, 255, 255

 207, 97, 203

 255, 180, 255

 178, 69, 175

 255, 208, 255

 150, 40, 148

 255, 238, 255

 122, 0, 122

 95, 0, 97


 68, 0, 72


 45, 0, 50


 0, 0, 27

 0, 0, 0

 236, 124, 231

 236, 124, 231


 236, 100, 230


 236, 148, 232

 236, 77, 229

 236, 171, 233

 236, 53, 228

 236, 195, 234

 236, 30, 227

 236, 218, 235

 236, 6, 226

 236, 242, 236

 236, 0, 225

 236, 255, 237

 236, 255, 238

 236, 255, 239

 236, 255, 240

Harmonies

Analogous

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



159, 151, 255



236, 124, 231



255, 107, 172

Triad

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



236, 124, 231



200, 162, 24



0, 194, 222

Complementary

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



236, 124, 231



124, 236, 129

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, 160



236, 124, 231



140, 179, 46

Square

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



236, 124, 231



246, 138, 60



43, 190, 98



0, 188, 255

Rectangle

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



236, 124, 231



255, 109, 131



43, 190, 98



0, 195, 202

Sweetspot

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



236, 124, 231



255, 219, 253



128, 124, 236



128, 106, 127



0, 0, 0



128, 128, 128

Same Dimension

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



236, 124, 231



255, 110, 249



236, 124, 176



117, 106, 117



181, 0, 173



54, 0, 51

Inverse Universe

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



236, 124, 231



255, 110, 249



124, 236, 184



117, 106, 117



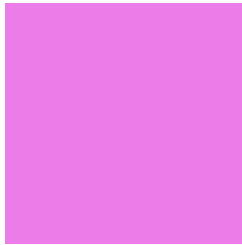
181, 0, 173



54, 0, 51

Previews

White Background



This preview shows how the RGB color 236, 124, 231 looks on a white background.

Color Contrast Check

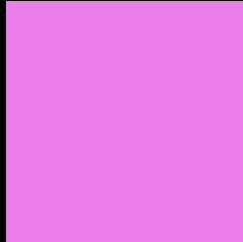
Large Text (above 18pt) WCAG AA × Fail

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 236, 124, 231 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 236, 124, 231 Background



This preview shows how black text looks on a background with the RGB color 236, 124, 231.

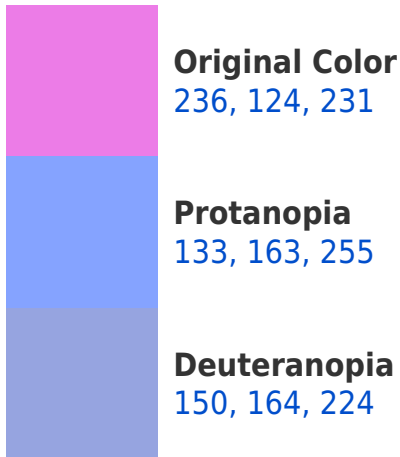



This preview shows how white text looks on a background with the RGB color 236, 124, 231.

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, 142, 153

Trichromacy



Original Color

236, 124, 231



Protanomaly

170, 149, 246



Deuteranomaly

181, 149, 227



Tritanomaly

230, 135, 181

Monochromacy



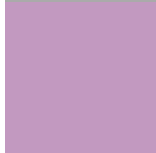
Original Color

236, 124, 231



Achromatopsia

170, 170, 170



Achromatomaly

194, 153, 192

CSS Examples

Text

The CSS property to change the color of the text to RGB 236, 124, 231 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(236, 124, 231)` looks like.

```
.text, #text, p{  
    color:rgb(236, 124, 231)  
}
```

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(236, 124, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 124, 231) }
```

Border

The CSS property to change the border of an element to RGB 236, 124, 231 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(236, 124, 231) }
```

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

```
.border{ border-color:rgb(236, 124, 231) }
```

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

Here you see how a box with a 4 pixel rgb(236, 124, 231) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 124, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 124, 231);  
box-shadow:4px 4px 4px 4px rgb(236, 124,  
231) }
```

Background

The CSS property to change the background color of an element to RGB 236, 124, 231 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 124, 231) }
```

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

```
.background{ background-color: rgb(236,  
124, 231) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor