

Converting Colors

RGB(232, 142, 239)

Have a look what the booklet for
RGB(232, 142, 239) contains.

RGB(232, 142, 239)	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(232, 142, 239)

Conversions

Conversions Part 1

Format	Color
Hex	E88EEF
RGB	232, 142, 239
RGB Percent	91%, 56%, 94%
CMY	0.0902, 0.4431, 0.0627
CMYK	0.03, 0.41, 0.00, 0.06
HSL	296°, 75%, 75%
HSV	296°, 41%, 94%
XYZ	58.5317, 42.7338, 86.8248
YIQ	179.9680, 22.5030, 49.2470

Conversions

Conversions Part 2

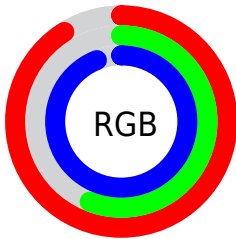
Format	Color
R _Y B	232, 142, 239
Decimal	15240943
CIE Lab	71.37, 48.78, -34.82
CIE LCh	71, 59.931, 324.480
Yxy	42.7338, 0.3112, 0.2272
Android (android.graphics.Color)	4293431023 (0xFFE88EEF)
YUV	179.9680, 29.1028, 45.6321
Hunter-Lab	65.3711, 45.4252, -32.9883

Details

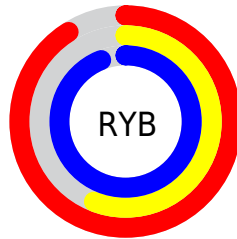
The RGB color **232, 142, 239** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **149, 239, 142**, and the grayscale version is **180, 180, 180**.

A 20% lighter version of the original color is **255, 197, 255**, and **175, 89, 183** is the 20% darker color. If you saturate the color by 10%, you get **230, 118, 239**, and if you desaturate by 10%, it is **234, 166, 239**.

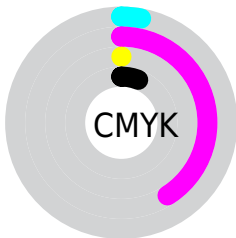
Distribution



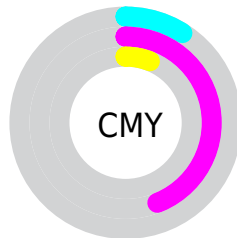
- Red (91%)
- Green (56%)
- Blue (94%)



- Red (91%)
- Yellow (56%)
- Blue (94%)



- Cyan (3%)
- Magenta (41%)
- Yellow (0%)
- Black (6%)



- Cyan (9%)
- Magenta (44%)
- Yellow (6%)


Brightness & Saturation Gradients

These gradients show how the RGB color 232, 142, 239 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 232, 142, 239 by changing the saturation by 10% instead.

 232, 142, 239

255, 255, 255

 255, 197, 255

 255, 226, 255

 232, 142, 239

 203, 115, 211

 175, 89, 183

 147, 63, 156

 120, 36, 129


 93, 1, 104

 67, 0, 79


 45, 0, 56


 6, 0, 34

 0, 0, 7

 232, 142, 239

 232, 142, 239

 230, 118, 239

 234, 166, 239

 229, 94, 239


 235, 190, 239

 227, 70, 239

 237, 214, 239

 225, 46, 239

 239, 238, 239

 223, 22, 239

 241, 255, 239

 222, 0, 239

 242, 255, 239

 244, 255, 239

 246, 255, 239

 248, 255, 239

Harmonies

Analogous

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



160, 165, 255



232, 142, 239



255, 127, 187

Triad

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



232, 142, 239



214, 168, 60



0, 201, 218

Complementary

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



232, 142, 239



149, 239, 142

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, 201, 163



232, 142, 239



161, 185, 69

Square

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



232, 142, 239



254, 148, 87



92, 196, 108



0, 196, 255

Rectangle

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



232, 142, 239



255, 127, 150



92, 196, 108



0, 202, 200

Sweetspot

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



232, 142, 239



253, 224, 255



142, 150, 239



126, 110, 128



0, 0, 0



128, 128, 128

Same Dimension

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



232, 142, 239



246, 130, 255



239, 142, 199



119, 108, 120



170, 0, 184



52, 0, 56

Inverse Universe

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



239, 142, 149



255, 130, 139



142, 239, 182



120, 108, 109



184, 0, 13



56, 0, 4

Previews

White Background



This preview shows how the RGB color 232, 142, 239 looks on a white background.

Color Contrast Check

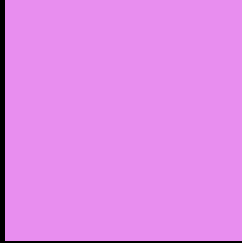
Large Text (above 18pt) WCAG AA × Fail

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 232, 142, 239 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

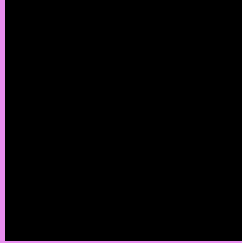
Any Text WCAG AA ✓ Pass

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 232, 142, 239 Background



This preview shows how black text looks on a background with the RGB color 232, 142, 239.

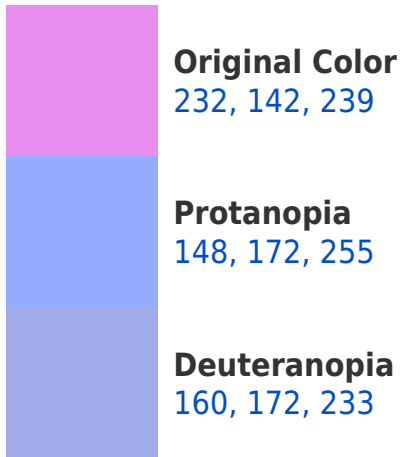


This preview shows how white text looks on a background with the RGB color 232, 142, 239.

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, 157, 169

Trichromacy



Original Color

232, 142, 239



Protanomaly

179, 161, 249



Deuteranomaly

186, 161, 235



Tritanomaly

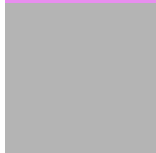
226, 152, 194

Monochromacy



Original Color

232, 142, 239



Achromatopsia

180, 180, 180



Achromatomaly

199, 166, 201

CSS Examples

Text

The CSS property to change the color of the text to RGB 232, 142, 239 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(232, 142, 239)` looks like.

```
.text, #text, p{  
    color:rgb(232, 142, 239)  
}
```

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(232, 142, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 142, 239) }
```

Border

The CSS property to change the border of an element to RGB 232, 142, 239 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(232, 142, 239) }
```

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

```
.border{ border-color:rgb(232, 142, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 142, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 142, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 142, 239);  
box-shadow:4px 4px 4px 4px rgb(232, 142,  
239) }
```

Background

The CSS property to change the background color of an element to RGB 232, 142, 239 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 142, 239) }
```

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

```
.background{ background-color: rgb(232,  
142, 239) }
```

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