

Converting Colors

RGB(232, 137, 241)

Have a look what the booklet for
RGB(232, 137, 241) contains.

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Color

RGB(232, 137, 241)

Conversions

Conversions Part 1

Format	Color
Hex	E889F1
RGB	232, 137, 241
RGB Percent	91%, 54%, 95%
CMY	0.0902, 0.4627, 0.0549
CMYK	0.04, 0.43, 0.00, 0.05
HSL	295°, 79%, 74%
HSV	295°, 43%, 95%
XYZ	58.1016, 41.3980, 88.1474
YIQ	177.2610, 23.2360, 52.4840

Conversions

Conversions Part 2

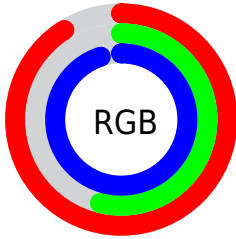
Format	Color
R _Y B	232, 137, 241
Decimal	15239665
CIE Lab	70.45, 51.70, -37.34
CIE LCh	70, 63.775, 324.160
Yxy	41.3980, 0.3096, 0.2206
Android (android.graphics.Color)	4293429745 (0xFFE889F1)
YUV	177.2610, 31.4233, 48.0061
Hunter-Lab	64.3413, 48.5921, -36.1883

Details

The RGB color **232, 137, 241** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **146, 241, 137**, and the grayscale version is **177, 177, 177**.

A 20% lighter version of the original color is **255, 192, 255**, and **174, 84, 185** is the 20% darker color. If you saturate the color by 10%, you get **230, 113, 241**, and if you desaturate by 10%, it is **234, 161, 241**.

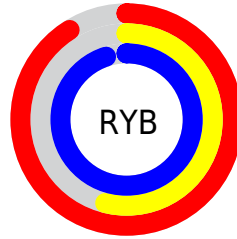
Distribution



Red (91%)

Green (54%)

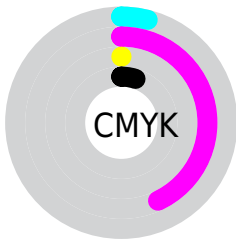
Blue (95%)



Red (91%)

Yellow (54%)

Blue (95%)

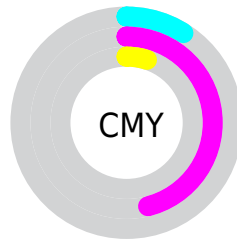


Cyan (4%)

Magenta (43%)

Yellow (0%)

Black (5%)



Cyan (9%)


Magenta (46%)


Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the RGB color 232, 137, 241 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, 137, 241 by changing the saturation by 10% instead.

 232, 137, 241

 232, 137, 241


255, 255, 255

 203, 110, 212

 255, 192, 255

 174, 84, 185

 255, 221, 255

 147, 57, 157

 255, 250, 255

 119, 28, 131

 93, 0, 105


 66, 0, 81


 44, 0, 57

 2, 0, 35

 0, 0, 9

 232, 137, 241


 232, 137, 241

 230, 113, 241

 234, 161, 241

 228, 89, 241

 236, 185, 241

 226, 65, 241

 238, 209, 241

 224, 41, 241

 240, 233, 241

 222, 16, 241


 242, 255, 241

 220, 0, 241

 245, 255, 241

 247, 255, 241

 249, 255, 241

 251, 255, 241

Harmonies

Analogous

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



154, 162, 255



232, 137, 241



255, 120, 186

Triad

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



232, 137, 241



213, 165, 47



0, 200, 218

Complementary

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



232, 137, 241



146, 241, 137

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, 200, 159



232, 137, 241



157, 183, 57

Square

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



232, 137, 241



255, 143, 79



82, 194, 101



0, 195, 255

Rectangle

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



232, 137, 241



255, 119, 147



82, 194, 101



0, 200, 199

Sweetspot

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



232, 137, 241



252, 222, 255



137, 147, 241



126, 107, 128



0, 0, 0



128, 128, 128

Same Dimension

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



232, 137, 241



244, 122, 255



241, 137, 199



119, 108, 120



168, 0, 184



51, 0, 56

Inverse Universe

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



241, 137, 146



255, 122, 134



137, 241, 179



120, 108, 109



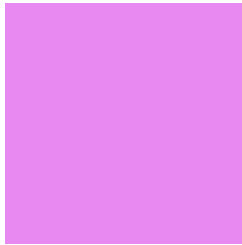
184, 0, 16



56, 0, 5

Previews

White Background



This preview shows how the RGB color 232, 137, 241 looks on a white background.

Color Contrast Check

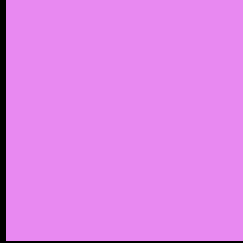
Large Text (above 18pt) WCAG AA × Fail

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, 137, 241 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

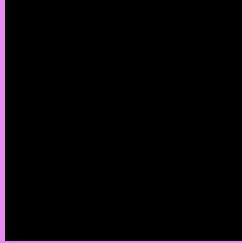
Any Text WCAG AA ✓ Pass

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, 137, 241 Background



This preview shows how black text looks on a background with the RGB color 232, 137, 241.

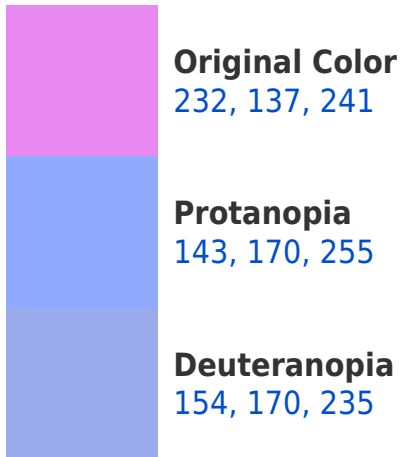


This preview shows how white text looks on a background with the RGB color 232, 137, 241.

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
222, 154, 166

Trichromacy



Original Color

232, 137, 241



Protanomaly

175, 158, 250



Deuteranomaly

182, 158, 237



Tritanomaly

226, 148, 193

Monochromacy



Original Color

232, 137, 241



Achromatopsia

177, 177, 177



Achromatomaly

197, 162, 200

CSS Examples

Text

The CSS property to change the color of the text to RGB 232, 137, 241 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, 137, 241)` looks like.

```
.text, #text, p{  
    color:rgb(232, 137, 241)  
}
```

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, 137, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 137, 241) }
```

Border

The CSS property to change the border of an element to RGB 232, 137, 241 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, 137, 241) }
```

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

```
.border{ border-color:rgb(232, 137, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 137, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 137, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 137, 241);  
box-shadow:4px 4px 4px 4px rgb(232, 137,  
241) }
```

Background

The CSS property to change the background color of an element to RGB 232, 137, 241 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 137, 241) }
```

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

```
.background{ background-color: rgb(232,  
137, 241) }
```

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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