

Converting Colors

RGB(232, 136, 247)

Have a look what the booklet for
RGB(232, 136, 247) contains.

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Color

RGB(232, 136, 247)

Conversions

Conversions Part 1

Format	Color
Hex	E888F7
RGB	232, 136, 247
RGB Percent	91%, 53%, 97%
CMY	0.0902, 0.4667, 0.0314
CMYK	0.06, 0.45, 0.00, 0.03
HSL	292°, 87%, 75%
HSV	292°, 45%, 97%
XYZ	58.8714, 41.4795, 92.8992
YIQ	177.3580, 21.5850, 54.8730

Conversions

Conversions Part 2

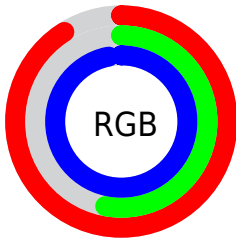
Format	Color
R _Y B	232, 136, 247
Decimal	15239415
CIE Lab	70.51, 53.32, -40.54
CIE LCh	71, 66.979, 322.758
Yxy	41.4795, 0.3046, 0.2146
Android (android.graphics.Color)	4293429495 (0xFFE888F7)
YUV	177.3580, 34.3335, 47.9210
Hunter-Lab	64.4046, 50.4564, -40.4385

Details

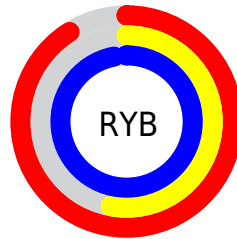
The RGB color **232, 136, 247** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **151, 247, 136**, and the grayscale version is **177, 177, 177**.

A 20% lighter version of the original color is **255, 192, 255**, and **174, 82, 190** is the 20% darker color. If you saturate the color by 10%, you get **229, 111, 247**, and if you desaturate by 10%, it is **235, 161, 247**.

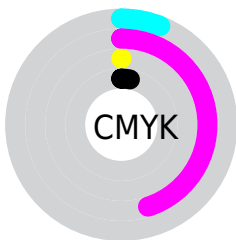
Distribution



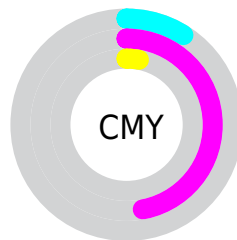
- Red (91%)
- Green (53%)
- Blue (97%)



- Red (91%)
- Yellow (53%)
- Blue (97%)



- Cyan (6%)
- Magenta (45%)
- Yellow (0%)
- Black (3%)




- Cyan (9%)
- Magenta (47%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the RGB color 232, 136, 247 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, 136, 247 by changing the saturation by 10% instead.


 232, 136, 247


255, 255, 255

 255, 192, 255


 255, 220, 255

 255, 249, 255

 232, 136, 247

 203, 109, 218

 174, 82, 190


 146, 56, 163

 119, 26, 136

 92, 0, 110

 66, 0, 85


 43, 0, 62


 1, 0, 39

 0, 1, 16

 232, 136, 247

 232, 136, 247

 229, 111, 247

 235, 161, 247

 225, 87, 247


 239, 185, 247

 222, 62, 247


 242, 210, 247

 219, 37, 247

 245, 235, 247

 215, 12, 247

 249, 255, 247

 214, 0, 247

 252, 255, 247

 255, 255, 247

Harmonies

Analogous

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



146, 163, 255



232, 136, 247



255, 116, 190

Triad

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



232, 136, 247



217, 164, 39



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, 136, 247



151, 247, 136

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, 155



232, 136, 247



159, 183, 48

Square

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



232, 136, 247



255, 140, 76



80, 195, 95



0, 196, 255

Rectangle

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



232, 136, 247



255, 115, 149



80, 195, 95



0, 202, 198

Sweetspot

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



232, 136, 247



251, 222, 255



136, 153, 247



125, 107, 128



0, 0, 0



128, 128, 128

Same Dimension

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



232, 136, 247



236, 117, 255



247, 136, 208



121, 110, 122



161, 0, 186



51, 0, 59

Inverse Universe

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



247, 136, 151



255, 117, 136



136, 247, 175



122, 110, 112



186, 0, 25



59, 0, 8

Previews

White Background



This preview shows how the RGB color 232, 136, 247 looks on a white background.

Color Contrast Check

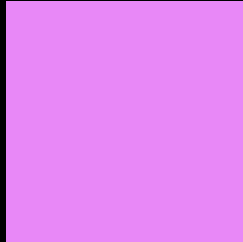
Large Text (above 18pt) WCAG AA × Fail

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, 136, 247 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

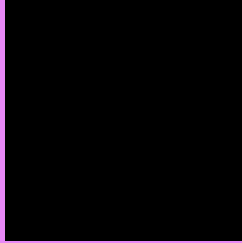
Any Text WCAG AA ✓ Pass

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, 136, 247 Background



This preview shows how black text looks on a background with the RGB color 232, 136, 247.

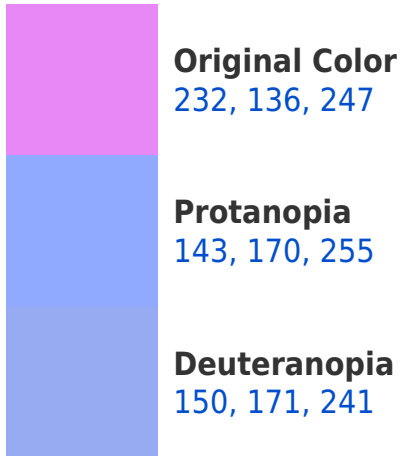


This preview shows how white text looks on a background with the RGB color 232, 136, 247.

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
221, 154, 166

Trichromacy



Original Color

232, 136, 247



Protanomaly

175, 158, 252



Deuteranomaly

180, 158, 243



Tritanomaly

225, 147, 195

Monochromacy



Original Color

232, 136, 247



Achromatopsia

177, 177, 177



Achromatomaly

197, 162, 202

CSS Examples

Text

The CSS property to change the color of the text to RGB 232, 136, 247 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, 136, 247)` looks like.

```
.text, #text, p{  
    color:rgb(232, 136, 247)  
}
```

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, 136, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 136, 247) }
```

Border

The CSS property to change the border of an element to RGB 232, 136, 247 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, 136, 247) }
```

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

```
.border{ border-color:rgb(232, 136, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 136, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 136, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 136, 247);  
box-shadow:4px 4px 4px 4px rgb(232, 136,  
247) }
```

Background

The CSS property to change the background color of an element to RGB 232, 136, 247 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 136, 247) }
```

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

```
.background{ background-color: rgb(232,  
136, 247) }
```

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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