

Converting Colors

RGB(232, 148, 242)

Have a look what the booklet for
RGB(232, 148, 242) contains.

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Color

RGB(232, 148, 242)

Conversions

Conversions Part 1

Format	Color
Hex	E894F2
RGB	232, 148, 242
RGB Percent	91%, 58%, 95%
CMY	0.0902, 0.4196, 0.0510
CMYK	0.04, 0.39, 0.00, 0.05
HSL	294°, 78%, 76%
HSV	294°, 39%, 95%
XYZ	59.8956, 44.7464, 89.4845
YIQ	183.8320, 19.8900, 47.0420

Conversions

Conversions Part 2

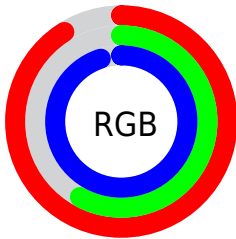
Format	Color
R _Y B	232, 148, 242
Decimal	15242482
CIE Lab	72.72, 46.24, -34.36
CIE LCh	73, 57.608, 323.378
Yxy	44.7464, 0.3085, 0.2305
Android (android.graphics.Color)	4293432562 (0xFFE894F2)
YUV	183.8320, 28.6768, 42.2433
Hunter-Lab	66.8928, 42.7662, -32.4891

Details

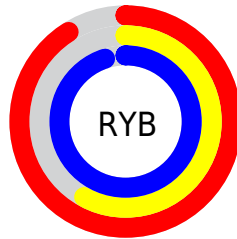
The RGB color **232, 148, 242** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **158, 242, 148**, and the grayscale version is **184, 184, 184**.

A 20% lighter version of the original color is **255, 204, 255**, and **175, 95, 186** is the 20% darker color. If you saturate the color by 10%, you get **229, 124, 242**, and if you desaturate by 10%, it is **235, 172, 242**.

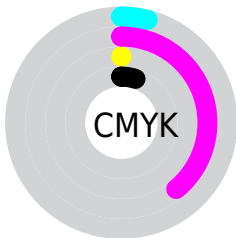
Distribution



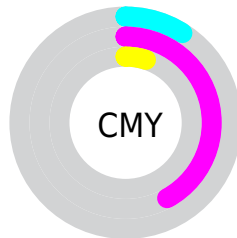
- Red (91%)
- Green (58%)
- Blue (95%)



- Red (91%)
- Yellow (58%)
- Blue (95%)



- Cyan (4%)
- Magenta (39%)
- Yellow (0%)
- Black (5%)





- Cyan (9%)
- Magenta (42%)
- Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the RGB color 232, 148, 242 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, 148, 242 by changing the saturation by 10% instead.

 232, 148, 242

 232, 148, 242

255, 255, 255

 203, 121, 213

 255, 204, 255

 175, 95, 186

 255, 232, 255


 147, 69, 158

 120, 43, 132


 94, 14, 106

 68, 0, 82

 44, 0, 58

 12, 0, 36


 0, 0, 11

 232, 148, 242

 232, 148, 242

 229, 124, 242

 235, 172, 242

 227, 100, 242

 237, 196, 242

 224, 75, 242

 240, 221, 242

 222, 51, 242


 242, 245, 242

 219, 27, 242

 245, 255, 242

 217, 3, 242

 247, 255, 242

 216, 0, 242

 250, 255, 242

 253, 255, 242

 255, 255, 242

Harmonies

Analogous

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



162, 169, 255



232, 148, 242



255, 133, 192

Triad

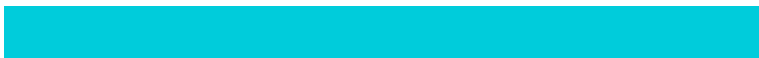
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



232, 148, 242



218, 172, 69



0, 204, 219

Complementary

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



232, 148, 242



158, 242, 148

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, 204, 165



232, 148, 242



168, 188, 76

Square

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



232, 148, 242



255, 152, 95



103, 199, 113



0, 199, 255

Rectangle

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



232, 148, 242



255, 133, 157



103, 199, 113



0, 205, 201

Sweetspot

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



232, 148, 242



252, 224, 255



148, 159, 242



126, 110, 128



0, 0, 0



128, 128, 128

Same Dimension

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



232, 148, 242



242, 135, 255



242, 148, 206



119, 108, 120



164, 0, 184



50, 0, 56

Inverse Universe

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



242, 148, 158



255, 135, 148



148, 242, 184



120, 108, 109



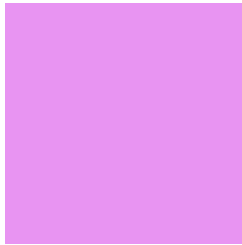
184, 0, 20



56, 0, 6

Previews

White Background



This preview shows how the RGB color 232, 148, 242 looks on a white background.

Color Contrast Check

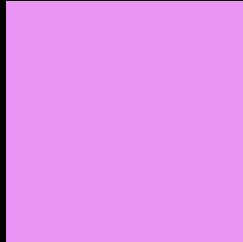
Large Text (above 18pt) WCAG AA × Fail

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, 148, 242 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

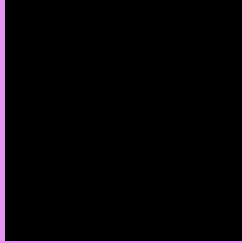
Any Text WCAG AA ✓ Pass

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, 148, 242 Background



This preview shows how black text looks on a background with the RGB color 232, 148, 242.

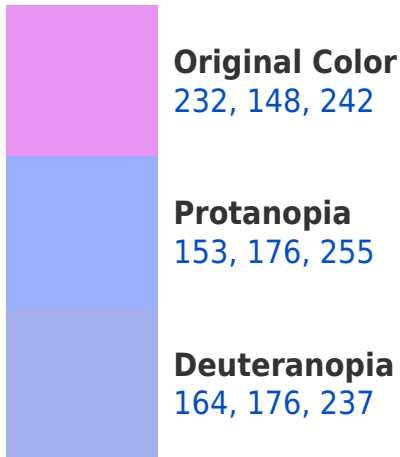



This preview shows how white text looks on a background with the RGB color 232, 148, 242.

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, 162, 175

Trichromacy



Original Color

232, 148, 242



Protanomaly

182, 166, 250



Deuteranomaly

189, 166, 239



Tritanomaly

226, 157, 199

Monochromacy



Original Color

232, 148, 242



Achromatopsia

184, 184, 184



Achromatomaly

201, 171, 205

CSS Examples

Text

The CSS property to change the color of the text to RGB 232, 148, 242 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, 148, 242) looks like.

```
.text, #text, p{  
    color:rgb(232, 148, 242)  
}
```

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, 148, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 148, 242) }
```

Border

The CSS property to change the border of an element to RGB 232, 148, 242 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, 148, 242) }
```

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

```
.border{ border-color:rgb(232, 148, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 148, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 148, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 148, 242);  
box-shadow:4px 4px 4px 4px rgb(232, 148,  
242) }
```

Background

The CSS property to change the background color of an element to RGB 232, 148, 242 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 148, 242) }
```

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

```
.background{ background-color: rgb(232,  
148, 242) }
```

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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