

Converting Colors

RGB(230, 128, 223)

Have a look what the booklet for
RGB(230, 128, 223) contains.

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Color

RGB(230, 128, 223)

Conversions

Conversions Part 1

Format	Color
Hex	E680DF
RGB	230, 128, 223
RGB Percent	90%, 50%, 87%
CMY	0.0980, 0.4980, 0.1255
CMYK	0.00, 0.44, 0.03, 0.10
HSL	304°, 67%, 70%
HSV	304°, 44%, 90%
XYZ	53.6716, 37.5891, 74.2386
YIQ	169.3280, 30.2970, 51.1690

Conversions

Conversions Part 2

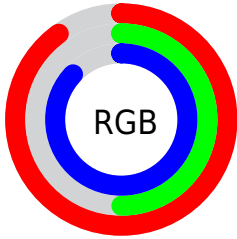
Format	Color
RYB	230, 128, 223
Decimal	15106271
CIELab	67.72, 52.43, -31.69
CIELCh	68, 61.261, 328.848
Yxy	37.5891, 0.3243, 0.2271
Android (android.graphics.Color)	4293296351 (0xFFE680DF)
YUV	169.3280, 26.4603, 53.2093
Hunter-Lab	61.3099, 48.9691, -28.8759

Details

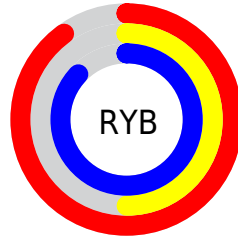
The RGB color **230, 128, 223** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **128, 230, 135**, and the grayscale version is **169, 169, 169**.

A 20% lighter version of the original color is **255, 183, 255**, and **172, 74, 168** is the 20% darker color. If you saturate the color by 10%, you get **230, 105, 221**, and if you desaturate by 10%, it is **230, 151, 225**.

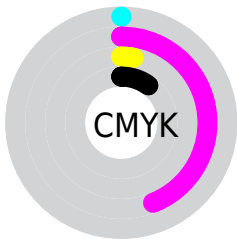
Distribution



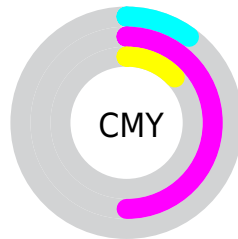
- Red (90%)
- Green (50%)
- Blue (87%)



- Red (90%)
- Yellow (50%)
- Blue (87%)



- Cyan (0%)
- Magenta (44%)
- Yellow (3%)
- Black (10%)





- Cyan (10%)
- Magenta (50%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the RGB color 230, 128, 223 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 230, 128, 223 by changing the saturation by 10% instead.

 230, 128, 223

 230, 128, 223

255, 255, 255

 201, 101, 195

 255, 183, 255


 172, 74, 168

 255, 212, 255

 145, 47, 141

 255, 241, 255

 117, 14, 115

 91, 0, 90

 65, 0, 66


 42, 0, 44


 0, 1, 22


 0, 0, 0


 230, 128, 223

 230, 128, 223


 230, 105, 221


 230, 151, 225

 230, 82, 220


 230, 174, 226

 230, 59, 218

 230, 197, 228

 230, 36, 217

 230, 220, 229

 230, 13, 215

 230, 243, 231

 230, 0, 214

 230, 255, 232

 230, 255, 234

 230, 255, 236

 230, 255, 237

Harmonies

Analogous

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



162, 151, 255



230, 128, 223



255, 114, 169

Triad

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



230, 128, 223



196, 161, 45



0, 191, 217

Complementary

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



230, 128, 223



128, 230, 135

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, 191, 161



230, 128, 223



141, 177, 61

Square

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



230, 128, 223



239, 140, 70



62, 187, 105



0, 185, 255

Rectangle

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



230, 128, 223



255, 116, 132



62, 187, 105



0, 192, 199

Sweetspot

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



230, 128, 223



255, 222, 253



135, 128, 230



128, 107, 126



0, 0, 0



128, 128, 128

Same Dimension

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



230, 128, 223



255, 120, 246



230, 128, 172



115, 103, 114



179, 0, 166



51, 0, 48

Inverse Universe

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



230, 128, 223



255, 120, 246



128, 230, 186



115, 103, 114



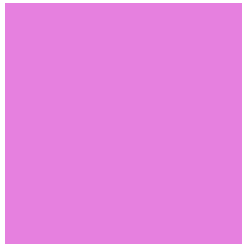
179, 0, 166



51, 0, 47

Previews

White Background



This preview shows how the RGB color 230, 128, 223 looks on a white background.

Color Contrast Check

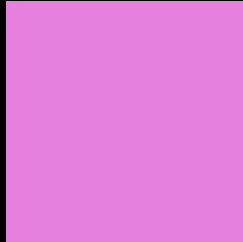
Large Text (above 18pt) WCAG AA × Fail

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 230, 128, 223 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

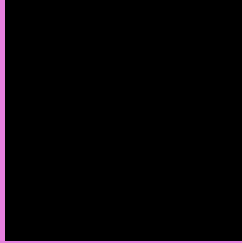
Any Text WCAG AA ✓ Pass

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 230, 128, 223 Background



This preview shows how black text looks on a background with the RGB color 230, 128, 223.

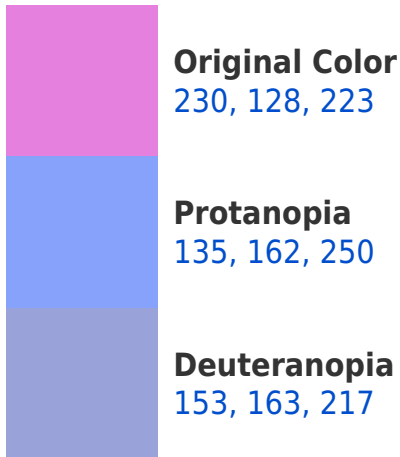



This preview shows how white text looks on a background with the RGB color 230, 128, 223.

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, 143, 154

Trichromacy



Original Color

230, 128, 223



Protanomaly

170, 150, 240



Deuteranomaly

181, 150, 219



Tritanomaly

225, 138, 179

Monochromacy



Original Color

230, 128, 223



Achromatopsia

169, 169, 169



Achromatomaly

191, 154, 189

CSS Examples

Text

The CSS property to change the color of the text to RGB 230, 128, 223 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(230, 128, 223)` looks like.

```
.text, #text, p{  
    color:rgb(230, 128, 223)  
}
```

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(230, 128, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 128, 223) }
```

Border

The CSS property to change the border of an element to RGB 230, 128, 223 is called "border". The border property can be set on classes, ids or directly on the HTML element.

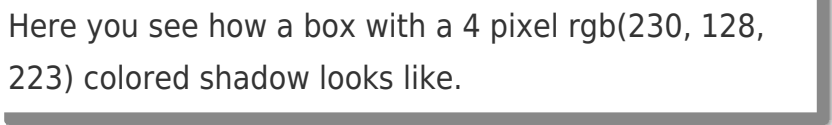
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(230, 128, 223) }
```

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

```
.border{ border-color:rgb(230, 128, 223) }
```

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



Here you see how a box with a 4 pixel `rgb(230, 128, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(230, 128, 223); -webkit-box-shadow:4px 4px 4px 4px rgb(230, 128, 223); box-shadow:4px 4px 4px 4px rgb(230, 128, 223) }
```

Background

The CSS property to change the background color of an element to RGB 230, 128, 223 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 128, 223) }
```

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

```
.background{ background-color: rgb(230,  
128, 223) }
```

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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