Converting Colors

RGB(230, 167, 249)

Have a look what the booklet for RGB(230, 167, 249) contains.

Color

RGB(230, 167, 249)

Conversions

Conversions Part 1

Format	Color
Hex	E6A7F9
RGB	230, 167, 249
RGB Percent	90%, 65%, 98%
CMY	0.0980, 0.3451, 0.0235
CMYK	0.08, 0.33, 0.00, 0.02
HSL	286°, 87%, 82%
HSV	286°, 33%, 98%
XYZ	63.5507, 51.3000, 96.1749
YIQ	195.1850, 11.2260, 38.8580

Conversions

Conversions Part 2

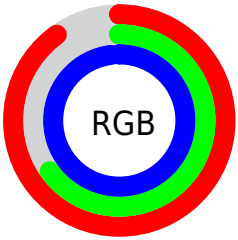
Format	Color
RYB	230, 167, 249
Decimal	15116281
CIELab	76.86, 36.96, -31.79
CIELCh	77, 48.749, 319.297
Yxy	51.3000, 0.3012, 0.2431
Android (android.graphics.Color)	4293306361 (0xFFE6A7F9)
YUV	195.1850, 26.5308, 30.5328
Hunter-Lab	71.6240, 33.0379, -29.4763

Details

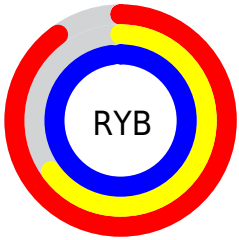
The RGB color 230, 167, 249 is a light color, and the websafe version is hex CC99FF. A complement of this color would be 186, 249, 167, and the grayscale version is 195, 195, 195.

A 20% lighter version of the original color is 255, 223, 255, and 173, 114, 192 is the 20% darker color. If you saturate the color by 10%, you get 224, 142, 249, and if you desaturate by 10%, it is 236, 192, 249.

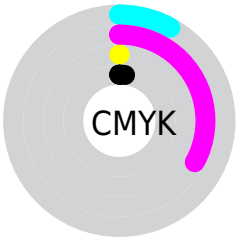
Distribution



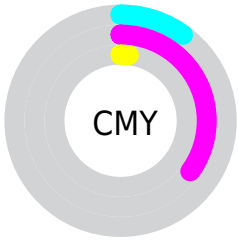
- Red (90%)
- Green (65%)
- Blue (98%)



- Red (90%)
- Yellow (65%)
- Blue (98%)



- Cyan (8%)
- Magenta (33%)
- Yellow (0%)
- Black (2%)



- Cyan (10%)
- Magenta (35%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the RGB color 230, 167, 249 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, 167, 249 by changing the saturation by 10% instead.

230, 167, 249

255, 255, 255

255, 223, 255

255, 252, 255

230, 167, 249

201, 140, 220

173, 114, 192

146, 89, 165

119, 64, 138

94, 40, 113

68, 14, 88

44, 0, 64

22, 0, 42

0, 1, 20

230, 167, 249

224, 142, 249

218, 117, 249

213, 92, 249

207, 67, 249

201, 43, 249

195, 18, 249

191, 0, 249

230, 167, 249

236, 192, 249

242, 217, 249

247, 242, 249

253, 255, 249

255, 255, 249

Harmonies

Analogous

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

169, 184, 255

230, 167, 249

255, 155, 208

Triad

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

230, 167, 249

232, 182, 100

0, 213, 218

Complementary

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

230, 167, 249

186, 249, 167

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.

67, 212, 171

230, 167, 249

189, 196, 102

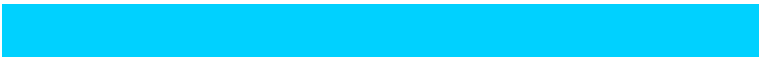
Square

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

230, 167, 249

255, 165, 123

137, 207, 129



0, 209, 255

Rectangle

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

230, 167, 249

255, 153, 177

137, 207, 129

0, 213, 203

Sweetspot

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

230, 167, 249

249, 230, 255

167, 186, 249

124, 112, 128

0, 0, 0

128, 128, 128

Same Dimension

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

230, 167, 249

231, 153, 255

249, 167, 227

122, 112, 125

145, 0, 189

47, 0, 61

Inverse Universe

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

249, 167, 186

255, 153, 177

167, 249, 189

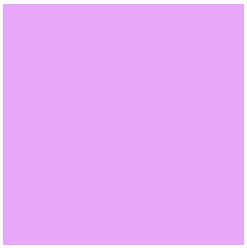
125, 112, 115

189, 0, 44

61, 0, 14

Previews

White Background

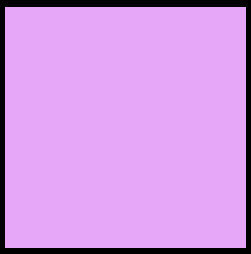


This preview shows how the RGB color 230, 167, 249 looks on a white background.

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



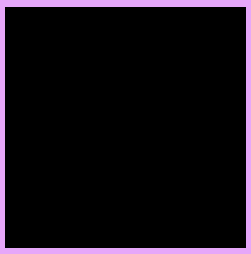
This preview shows how the RGB color 230, 167, 249 looks on a black background.

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, 167, 249 Background



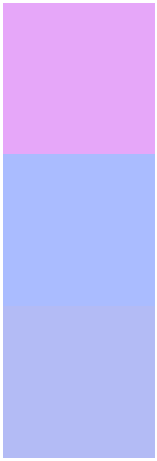
This preview shows how black text looks on a background with the RGB color 230, 167, 249.

This preview shows how white text looks on a background with the RGB color 230, 167, 249.

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



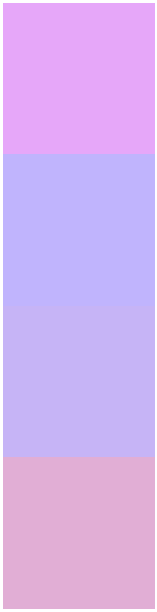
Original Color
230, 167, 249

Protanopia
170, 188, 255

Deuteranopia
179, 187, 245

Tritanopia
222, 178, 192

Trichromacy



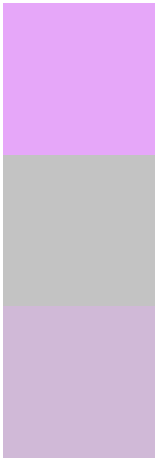
Original Color
230, 167, 249

Protanomaly
192, 180, 253

Deuteranomaly
198, 180, 246

Tritanomaly
225, 174, 213

Monochromacy



Original Color
230, 167, 249

Achromatopsia
195, 195, 195

Achromatomaly
208, 185, 215

CSS Examples

Text

The CSS property to change the color of the text to RGB 230, 167, 249 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, 167, 249) looks like.

```
.text, #text, p{
    color:rgb(230, 167, 249)
}
```

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, 167, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 167, 249) }
```

Border

The CSS property to change the border of an element to RGB 230, 167, 249 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, 167, 249) }
```

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

```
.border{ border-color:rgb(230, 167, 249) }
```

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

Here you see how a box with a 4 pixel rgb(230, 167, 249) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(230, 167, 249); -webkit-box-shadow:4px 4px 4px 4px rgb(230, 167, 249); box-shadow:4px 4px 4px 4px rgb(230, 167, 249) }
```

Background

The CSS property to change the background color of an element to RGB 230, 167, 249 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(230, 167, 249) }
```

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

```
.background{ background-color:rgb(230,
167, 249) }
```

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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