

Converting Colors

RGB(234, 202, 255)

Have a look what the booklet for
RGB(234, 202, 255) contains.

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Color

RGB(234, 202, 255)

Conversions

Conversions Part 1

Format	Color
Hex	EACAFF
RGB	234, 202, 255
RGB Percent	92%, 79%, 100%
CMY	0.0824, 0.2078, 0.0000
CMYK	0.08, 0.21, 0.00, 0.00
HSL	276°, 100%, 90%
HSV	276°, 21%, 100%
XYZ	73.1022, 66.9535, 103.6782
YIQ	217.6100, 2.0590, 23.2670

Conversions

Conversions Part 2

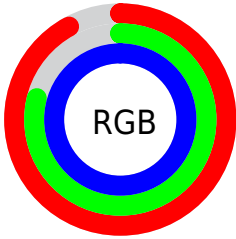
Format	Color
R_{YB}	234, 202, 255
Decimal	15387391
CIE _{Lab}	85.48, 20.69, -21.79
CIE _{LCh}	85, 30.053, 313.513
Yxy	66.9535, 0.2999, 0.2747
Android (android.graphics.Color)	4293577471 (0xFFEACAFF)
YUV	217.6100, 18.4333, 14.3740
Hunter-Lab	81.8251, 16.2772, -17.8470

Details

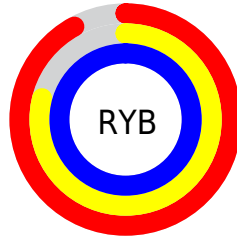
The RGB color **234, 202, 255** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **223, 255, 202**, and the grayscale version is **217, 217, 217**.

A 20% lighter version of the original color is **255, 255, 255**, and **178, 148, 198** is the 20% darker color. If you saturate the color by 10%, you get **224, 177, 255**, and if you desaturate by 10%, it is **244, 227, 255**.

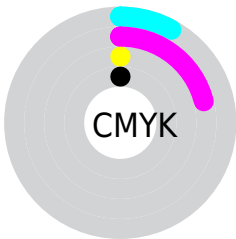
Distribution



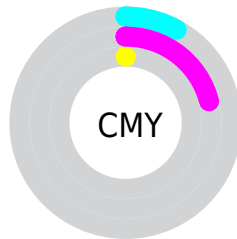
- Red (92%)
- Green (79%)
- Blue (100%)



- Red (92%)
- Yellow (79%)
- Blue (100%)



- Cyan (8%)
- Magenta (21%)
- Yellow (0%)
- Black (0%)



- Cyan (8%)
- Magenta (21%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the RGB color 234, 202, 255 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 234, 202, 255 by changing the saturation by 10% instead.

■ 234, 202, 255

255, 255, 255

■ 234, 202, 255

■ 206, 175, 226

■ 178, 148, 198

■ 151, 122, 171

■ 125, 97, 144

■ 99, 73, 118

■ 75, 50, 94


■ 51, 28, 70

■ 30, 6, 47


■ 0, 0, 26

 234, 202, 255

 234, 202, 255

 224, 177, 255


 244, 227, 255


 214, 151, 255

 254, 253, 255


 204, 125, 255

 255, 255, 255

 194, 100, 255

 183, 75, 255

 173, 49, 255

 163, 24, 255

 154, 0, 255

Harmonies

Analogous

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



197, 212, 255



234, 202, 255



255, 195, 230

Triad

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



234, 202, 255



249, 206, 160



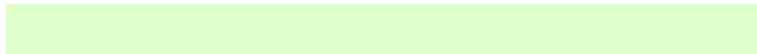
134, 230, 226

Complementary

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



234, 202, 255



223, 255, 202

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.



157, 228, 197



234, 202, 255



221, 216, 158

Square

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



234, 202, 255



255, 198, 176



189, 224, 172



132, 227, 252

Rectangle

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



234, 202, 255



255, 193, 211



189, 224, 172



140, 230, 216

Sweetspot

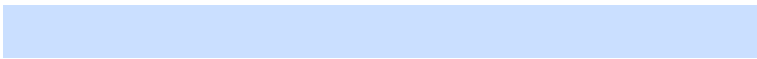
The Sweet Spot groups the original color and five complimentary colors.



234, 202, 255



249, 240, 255



202, 223, 255



124, 119, 128



0, 0, 0



128, 128, 128

Same Dimension

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



234, 202, 255



230, 191, 255



255, 202, 250



122, 115, 128



115, 0, 191



38, 0, 64

Inverse Universe

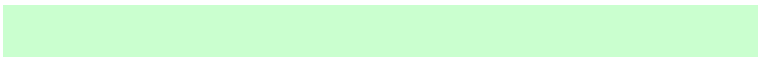
The Inverse Universe completely reimagines the original color for something new.



255, 202, 223



255, 191, 217



202, 255, 207



128, 115, 120



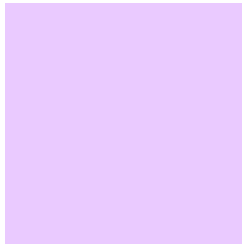
191, 0, 76



64, 0, 25

Previews

White Background



This preview shows how the RGB color 234, 202, 255 looks on a white background.

Color Contrast Check

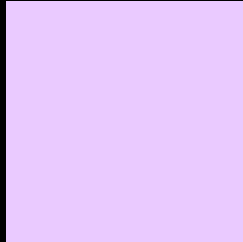
Large Text (above 18pt) WCAG AA × Fail

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 234, 202, 255 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 234, 202, 255 Background



This preview shows how black text looks on a background with the RGB color 234, 202, 255.



This preview shows how white text looks on a background with the RGB color 234, 202, 255.

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
229, 208, 224

Trichromacy



Original Color
234, 202, 255

Protanomaly
215, 208, 255

Deuteranomaly
222, 206, 254

Tritanomaly
231, 206, 235

Monochromacy



Original Color
234, 202, 255

Achromatopsia
218, 218, 218

Achromatomaly
224, 212, 231

CSS Examples

Text

The CSS property to change the color of the text to RGB 234, 202, 255 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(234, 202, 255)` looks like.

```
.text, #text, p{  
    color:rgb(234, 202, 255)  
}
```

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(234, 202, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 202, 255) }
```

Border

The CSS property to change the border of an element to RGB 234, 202, 255 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(234, 202, 255) }
```

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

```
.border{ border-color:rgb(234, 202, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 202, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 202, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 202, 255);  
box-shadow:4px 4px 4px 4px rgb(234, 202,  
255) }
```

Background

The CSS property to change the background color of an element to RGB 234, 202, 255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 202, 255) }
```

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

```
.background{ background-color: rgb(234,  
202, 255) }
```

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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