

Converting Colors

RGB(231, 209, 242)

Have a look what the booklet for
RGB(231, 209, 242) contains.

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Color

RGB(231, 209, 242)

Conversions

Conversions Part 1

Format	Color
Hex	E7D1F2
RGB	231, 209, 242
RGB Percent	91%, 82%, 95%
CMY	0.0941, 0.1804, 0.0510
CMYK	0.05, 0.14, 0.00, 0.05
HSL	280°, 56%, 88%
HSV	280°, 14%, 95%
XYZ	71.7825, 69.0007, 93.5395
YIQ	219.3400, 2.5190, 14.9270

Conversions

Conversions Part 2

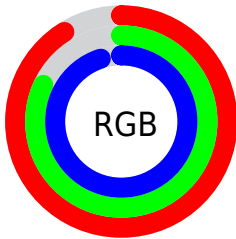
Format	Color
R _Y B	231, 209, 242
Decimal	15192562
CIE Lab	86.50, 13.50, -13.39
CIE LCh	87, 19.021, 315.235
Yxy	69.0007, 0.3063, 0.2945
Android (android.graphics.Color)	4293382642 (0xFFE7D1F2)
YUV	219.3400, 11.1714, 10.2258
Hunter-Lab	83.0666, 8.8851, -8.6185

Details

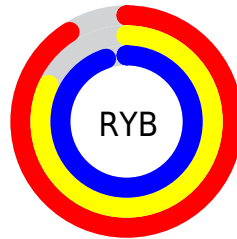
The RGB color **231, 209, 242** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **220, 242, 209**, and the grayscale version is **219, 219, 219**.

A 20% lighter version of the original color is **255, 255, 255**, and **175, 155, 186** is the 20% darker color. If you saturate the color by 10%, you get **223, 185, 242**, and if you desaturate by 10%, it is **239, 233, 242**.

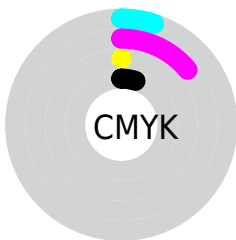
Distribution



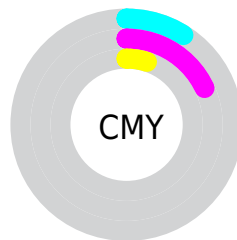
- Red (91%)
- Green (82%)
- Blue (95%)



- Red (91%)
- Yellow (82%)
- Blue (95%)



- Cyan (5%)
- Magenta (14%)
- Yellow (0%)
- Black (5%)



- Cyan (9%)
- Magenta (18%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the RGB color 231, 209, 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 231, 209, 242 by changing the saturation by 10% instead.

■ 231, 209, 242

255, 255, 255

■ 231, 209, 242

■ 203, 181, 214

■ 175, 155, 186

■ 149, 129, 159

■ 123, 103, 133

■ 98, 79, 107

■ 74, 56, 83

■ 51, 35, 60

■ 29, 14, 38

■ 0, 1, 17

231, 209, 242

231, 209, 242

223, 185, 242

239, 233, 242

215, 161, 242

247, 255, 242

207, 136, 242

255, 255, 242

199, 112, 242

191, 88, 242

183, 64, 242

175, 40, 242

166, 15, 242

161, 0, 242

Harmonies

Analogous

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



208, 215, 251



231, 209, 242



248, 205, 226

Triad

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



231, 209, 242



239, 212, 182



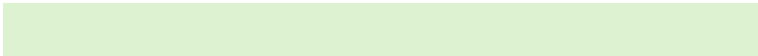
170, 227, 225

Complementary

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



231, 209, 242



220, 242, 209

Split Complementary

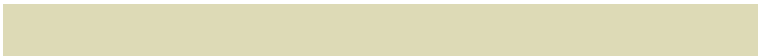
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



182, 226, 207



231, 209, 242



221, 218, 182

Square

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



231, 209, 242



251, 207, 192



200, 223, 191



172, 225, 241

Rectangle

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



231, 209, 242



253, 204, 214



200, 223, 191



173, 227, 219

Sweetspot

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



231, 209, 242



252, 245, 255



209, 220, 242



125, 121, 128



0, 0, 0



128, 128, 128

Same Dimension

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



231, 209, 242



241, 214, 255



242, 209, 236



116, 108, 120



122, 0, 184



37, 0, 56

Inverse Universe

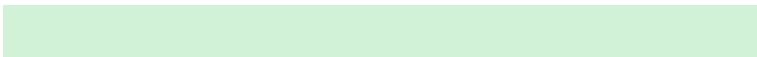
The Inverse Universe completely reimagines the original color for something new.



242, 209, 220



255, 214, 228



209, 242, 214



120, 108, 112



184, 0, 61



56, 0, 19

Previews

White Background



This preview shows how the RGB color 231, 209, 242 looks on a white background.

Color Contrast Check

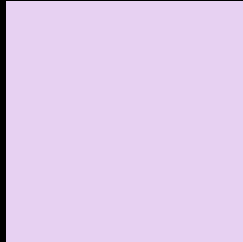
Large Text (above 18pt) WCAG AA × Fail

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 231, 209, 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 231, 209, 242 Background



This preview shows how black text looks on a background with the RGB color 231, 209, 242.

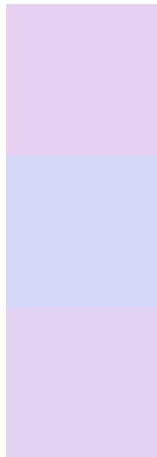


This preview shows how white text looks on a background with the RGB color 231, 209, 242.

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



Original Color
231, 209, 242

Protanopia
212, 215, 246

Deuteranopia
226, 211, 242



Tritanopia
229, 211, 228

Trichromacy



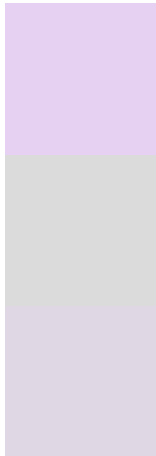
Original Color
231, 209, 242

Protanomaly
219, 213, 245

Deuteranomaly
228, 210, 242

Tritanomaly
230, 210, 233

Monochromacy



Original Color
231, 209, 242

Achromatopsia
219, 219, 219

Achromatomaly
223, 215, 227

CSS Examples

Text

The CSS property to change the color of the text to RGB 231, 209, 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(231, 209, 242)` looks like.

```
.text, #text, p{  
    color:rgb(231, 209, 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(231, 209, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 209, 242) }
```

Border

The CSS property to change the border of an element to RGB 231, 209, 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(231, 209, 242) }
```

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

```
.border{ border-color:rgb(231, 209, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 209, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(231, 209, 242); -webkit-box-shadow:4px 4px 4px 4px rgb(231, 209, 242); box-shadow:4px 4px 4px 4px rgb(231, 209, 242) }
```

Background

The CSS property to change the background color of an element to RGB 231, 209, 242 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 209, 242) }
```

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

```
.background{ background-color: rgb(231,  
209, 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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