

Converting Colors

RGB(234, 216, 242)

Have a look what the booklet for
RGB(234, 216, 242) contains.

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Color

RGB(234, 216, 242)

Conversions

Conversions Part 1

Format	Color
Hex	EAD8F2
RGB	234, 216, 242
RGB Percent	92%, 85%, 95%
CMY	0.0824, 0.1529, 0.0510
CMYK	0.03, 0.11, 0.00, 0.05
HSL	282°, 50%, 90%
HSV	282°, 11%, 95%
XYZ	74.5146, 73.0150, 94.1704
YIQ	224.3460, 2.3820, 11.9020

Conversions

Conversions Part 2

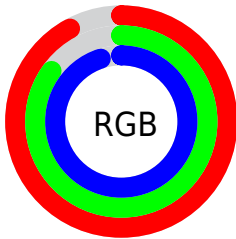
Format	Color
R_{YB}	234, 216, 242
Decimal	15390962
CIE _{Lab}	88.45, 10.80, -10.46
CIE _{LCh}	88, 15.035, 315.928
Yxy	73.0150, 0.3083, 0.3021
Android (android.graphics.Color)	4293581042 (0xFFEAD8F2)
YUV	224.3460, 8.7034, 8.4666
Hunter-Lab	85.4488, 6.1233, -5.5274

Details

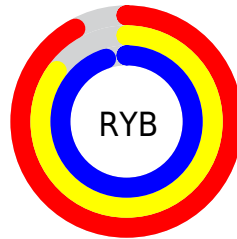
The RGB color **234, 216, 242** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **224, 242, 216**, and the grayscale version is **224, 224, 224**.

A 20% lighter version of the original color is 255, 255, 255, and **178, 161, 186** is the 20% darker color. If you saturate the color by 10%, you get **227, 192, 242**, and if you desaturate by 10%, it is **241, 240, 242**.

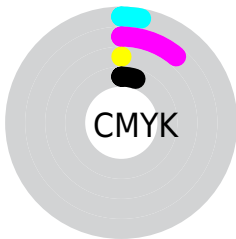
Distribution



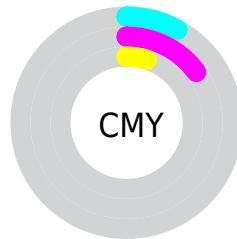
- Red (92%)
- Green (85%)
- Blue (95%)



- Red (92%)
- Yellow (85%)
- Blue (95%)



- Cyan (3%)
- Magenta (11%)
- Yellow (0%)
- Black (5%)



- Cyan (8%)
- Magenta (15%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the RGB color 234, 216, 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 234, 216, 242 by changing the saturation by 10% instead.

■ 234, 216, 242

255, 255, 255

■ 234, 216, 242

■ 206, 188, 214

■ 178, 161, 186

■ 151, 135, 159

■ 125, 110, 133

■ 100, 85, 108

■ 76, 62, 83


■ 53, 40, 60


■ 32, 20, 38

■ 2, 0, 17

 234, 216, 242


 234, 216, 242

 227, 192, 242

 241, 240, 242

 219, 168, 242


 249, 255, 242

 212, 143, 242


 255, 255, 242

 204, 119, 242

 197, 95, 242

 189, 71, 242

 182, 47, 242

 174, 22, 242

 168, 0, 242

Harmonies

Analogous

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



216, 221, 249



234, 216, 242



247, 213, 229

Triad

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



234, 216, 242



240, 219, 195



186, 231, 229

Complementary

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



234, 216, 242



224, 242, 216

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.



194, 230, 215



234, 216, 242



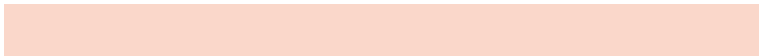
226, 223, 194

Square

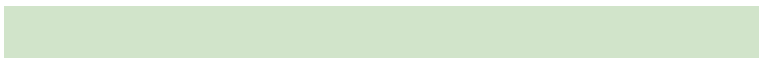
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



234, 216, 242



250, 215, 202



209, 228, 202



188, 229, 242

Rectangle

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



234, 216, 242



252, 212, 220



209, 228, 202



188, 231, 224

Sweetspot

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



234, 216, 242



253, 247, 255



216, 224, 242



126, 122, 128



0, 0, 0



128, 128, 128

Same Dimension

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



234, 216, 242



245, 222, 255



242, 216, 237



116, 108, 120



127, 0, 184



39, 0, 56

Inverse Universe

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



242, 216, 224



255, 222, 232



216, 242, 221



120, 108, 112



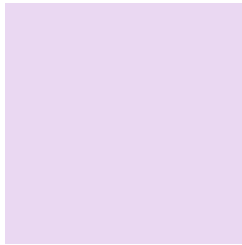
184, 0, 56



56, 0, 17

Previews

White Background



This preview shows how the RGB color 234, 216, 242 looks on a white background.

Color Contrast Check

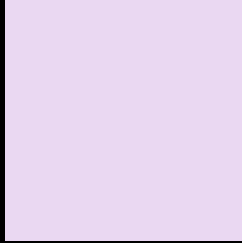
Large Text (above 18pt) WCAG AA × Fail

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 234, 216, 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

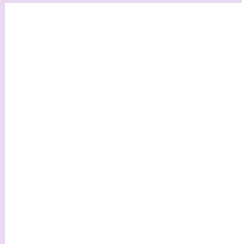
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 234, 216, 242 Background



This preview shows how black text looks on a background with the RGB color 234, 216, 242.



This preview shows how white text looks on a background with the RGB color 234, 216, 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
234, 216, 242

Protanopia
219, 221, 245

Deuteranopia
234, 216, 242



Tritanopia
233, 217, 234

Trichromacy



Original Color

234, 216, 242

Protanomaly

224, 219, 244

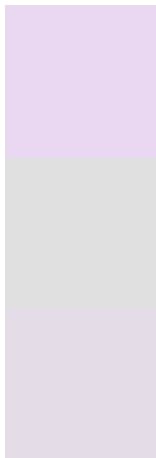
Deuteranomaly

234, 216, 242

Tritanomaly

233, 217, 237

Monochromacy



Original Color

234, 216, 242

Achromatopsia

224, 224, 224

Achromatomaly

228, 221, 231

CSS Examples

Text

The CSS property to change the color of the text to RGB 234, 216, 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(234, 216, 242) looks like.

```
.text, #text, p{  
    color:rgb(234, 216, 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(234, 216, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 216, 242) }
```

Border

The CSS property to change the border of an element to RGB 234, 216, 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(234, 216, 242) }
```

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

```
.border{ border-color:rgb(234, 216, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 216, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 216, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 216, 242);  
box-shadow:4px 4px 4px 4px rgb(234, 216,  
242) }
```

Background

The CSS property to change the background color of an element to RGB 234, 216, 242 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 216, 242) }
```

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

```
.background{ background-color: rgb(234,  
216, 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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