

Converting Colors

RGB(219, 212, 234)

Have a look what the booklet for
RGB(219, 212, 234) contains.

RGB(219, 212, 234)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(219, 212, 234)

Conversions

Conversions Part 1

Format	Color
Hex	DBD4EA
RGB	219, 212, 234
RGB Percent	86%, 83%, 92%
CMY	0.1412, 0.1686, 0.0824
CMYK	0.06, 0.09, 0.00, 0.08
HSL	259°, 34%, 87%
HSV	259°, 9%, 92%
XYZ	67.6082, 68.0875, 87.4208
YIQ	216.6010, -2.8900, 8.3260

Conversions

Conversions Part 2

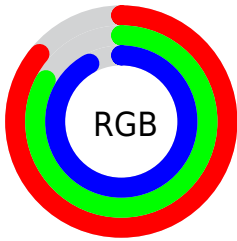
Format	Color
RYB	219, 212, 234
Decimal	14406890
CIELab	86.05, 6.46, -9.94
CIELCh	86, 11.853, 303.022
Yxy	68.0875, 0.3030, 0.3052
Android (android.graphics.Color)	4292596970 (0xFFD4E4EA)
YUV	216.6010, 8.5777, 2.1039
Hunter-Lab	82.5152, 1.8510, -5.0542

Details

The RGB color **219, 212, 234** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **227, 234, 212**, and the grayscale version is **217, 217, 217**.

A 20% lighter version of the original color is 255, 255, 255, and **164, 157, 178** is the 20% darker color. If you saturate the color by 10%, you get **203, 189, 234**, and if you desaturate by 10%, it is **235, 235, 234**.

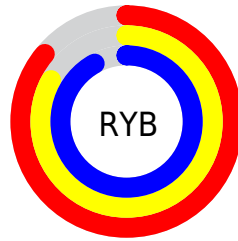
Distribution



Red (86%)

Green (83%)

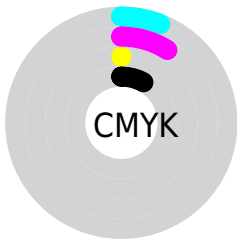
Blue (92%)



Red (86%)

Yellow (83%)

Blue (92%)

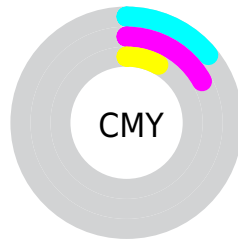


Cyan (6%)

Magenta (9%)

Yellow (0%)

Black (8%)



Cyan (14%)

Magenta (17%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the RGB color 219, 212, 234 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 219, 212, 234 by changing the saturation by 10% instead.

■ 219, 212, 234

255, 255, 255

■ 219, 212, 234

■ 191, 184, 206

■ 164, 157, 178

■ 138, 131, 152

■ 112, 106, 126

■ 88, 82, 101

■ 64, 59, 77

■ 42, 37, 54

■ 22, 17, 33


■ 0, 0, 8

 219, 212, 234


 219, 212, 234

 203, 189, 234

 235, 235, 234

 187, 165, 234

 251, 255, 234

 171, 142, 234

 255, 255, 234


 155, 118, 234

 139, 95, 234

 123, 72, 234

 107, 48, 234

 91, 25, 234

 75, 1, 234

Harmonies

Analogous

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



205, 216, 237



219, 212, 234



231, 209, 226

Triad

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



219, 212, 234



234, 211, 196



190, 222, 216

Complementary

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



219, 212, 234



227, 234, 212

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.



198, 221, 205



219, 212, 234



223, 215, 193

Square

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



219, 212, 234



239, 209, 203



211, 218, 196



187, 221, 227

Rectangle

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



219, 212, 234



237, 208, 218



211, 218, 196



192, 222, 212

Sweetspot

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



219, 212, 234



250, 247, 255



212, 227, 234



124, 122, 128



0, 0, 0



128, 128, 128

Same Dimension

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



219, 212, 234



236, 227, 255



230, 212, 234



109, 106, 117



58, 0, 181



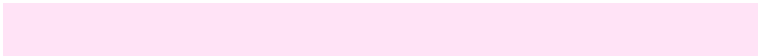
17, 0, 54

Inverse Universe

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



234, 212, 227



255, 227, 246



216, 234, 212



117, 106, 114



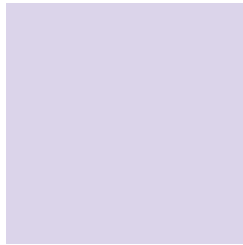
181, 0, 123



54, 0, 37

Previews

White Background



This preview shows how the RGB color 219, 212, 234 looks on a white background.

Color Contrast Check

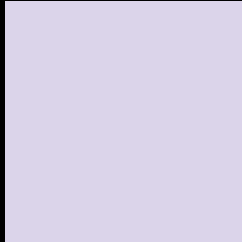
Large Text (above 18pt) WCAG AA × Fail

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 219, 212, 234 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

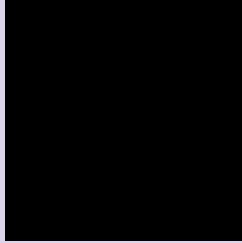
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

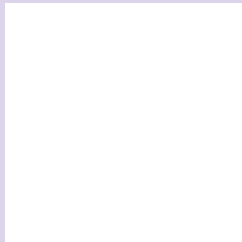
Any Text WCAG AAA ✓ Pass

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

RGB 219, 212, 234 Background



This preview shows how black text looks on a background with the RGB color 219, 212, 234.



This preview shows how white text looks on a background with the RGB color 219, 212, 234.

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
219, 212, 234

Protanopia
213, 214, 235

Deuteranopia
227, 209, 235



Tritanopia
218, 213, 230

Trichromacy



Original Color

219, 212, 234

Protanomaly

215, 213, 235

Deuteranomaly

224, 210, 235

Tritanomaly

218, 213, 231

Monochromacy



Original Color

219, 212, 234

Achromatopsia

217, 217, 217

Achromatomaly

218, 215, 223

CSS Examples

Text

The CSS property to change the color of the text to RGB 219, 212, 234 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(219, 212, 234)` looks like.

```
.text, #text, p{  
    color:rgb(219, 212, 234)  
}
```

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(219, 212, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 212, 234) }
```

Border

The CSS property to change the border of an element to RGB 219, 212, 234 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(219, 212, 234) }
```

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

```
.border{ border-color:rgb(219, 212, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 212, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 212, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 212, 234);  
box-shadow:4px 4px 4px 4px rgb(219, 212,  
234) }
```

Background

The CSS property to change the background color of an element to RGB 219, 212, 234 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 212, 234) }
```

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

```
.background{ background-color: rgb(219,  
212, 234) }
```

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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