

Converting Colors

RGB(212, 189, 249)

Have a look what the booklet for
RGB(212, 189, 249) contains.

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Color

RGB(212, 189, 249)

Conversions

Conversions Part 1

Format	Color
Hex	D4BDF9
RGB	212, 189, 249
RGB Percent	83%, 74%, 98%
CMY	0.1686, 0.2588, 0.0235
CMYK	0.15, 0.24, 0.00, 0.02
HSL	263°, 83%, 86%
HSV	263°, 24%, 98%
XYZ	62.4479, 57.2318, 97.3780
YIQ	202.7170, -5.5520, 23.5360

Conversions

Conversions Part 2

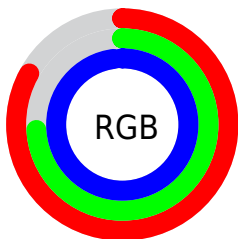
Format	Color
R _Y B	212, 189, 249
Decimal	13942265
CIE Lab	80.31, 19.54, -26.64
CIE LCh	80, 33.041, 306.266
Yxy	57.2318, 0.2877, 0.2637
Android (android.graphics.Color)	4292132345 (0xFFD4BDF9)
YUV	202.7170, 22.8175, 8.1412
Hunter-Lab	75.6517, 14.9551, -23.3612

Details

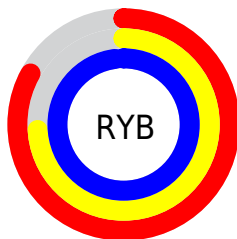
The RGB color **212, 189, 249** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **226, 249, 189**, and the grayscale version is **203, 203, 203**.

A 20% lighter version of the original color is **255, 245, 255**, and **157, 136, 192** is the 20% darker color. If you saturate the color by 10%, you get **197, 164, 249**, and if you desaturate by 10%, it is **227, 214, 249**.

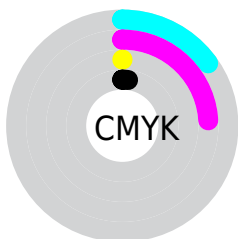
Distribution



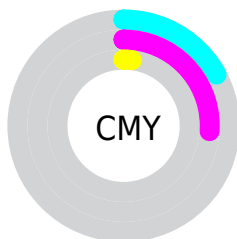
- Red (83%)
- Green (74%)
- Blue (98%)



- Red (83%)
- Yellow (74%)
- Blue (98%)



- Cyan (15%)
- Magenta (24%)
- Yellow (0%)
- Black (2%)




- Cyan (17%)
- Magenta (26%)
- Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the RGB color 212, 189, 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 212, 189, 249 by changing the saturation by 10% instead.

 212, 189, 249


255, 255, 255

 255, 245, 255

 212, 189, 249

 184, 162, 220

 157, 136, 192


 130, 110, 165

 105, 86, 139

 80, 62, 113

 56, 40, 88

 32, 19, 65

 15, 0, 43

 0, 1, 21

■ 212, 189, 249

■ 212, 189, 249

■ 197, 164, 249

■ 227, 214, 249

■ 181, 139, 249

■ 243, 239, 249

■ 166, 114, 249

■ 255, 255, 249

■ 151, 89, 249

■ 135, 65, 249

■ 120, 40, 249

■ 105, 15, 249

■ 95, 0, 249

Harmonies

Analogous

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



169, 200, 255



212, 189, 249



244, 180, 225

Triad

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



212, 189, 249



242, 189, 144



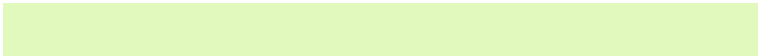
113, 216, 205

Complementary

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



212, 189, 249



226, 249, 189

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.



145, 214, 173



212, 189, 249



215, 199, 138

Square

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



212, 189, 249



255, 180, 164



181, 208, 149



101, 215, 235

Rectangle

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



212, 189, 249



255, 177, 204



181, 208, 149



123, 216, 194

Sweetspot

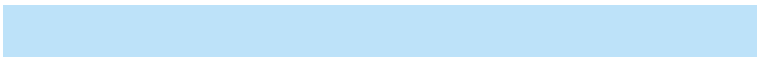
The Sweet Spot groups the original color and five complimentary colors.



212, 189, 249



244, 237, 255



189, 226, 249



121, 117, 128



0, 0, 0



128, 128, 128

Same Dimension

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



212, 189, 249



209, 181, 255



242, 189, 249



117, 112, 125



72, 0, 189



23, 0, 61

Inverse Universe

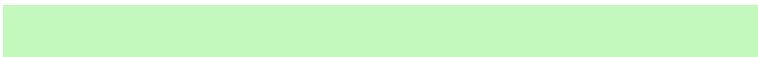
The Inverse Universe completely reimagines the original color for something new.



249, 189, 226



255, 181, 227



196, 249, 189



125, 112, 120



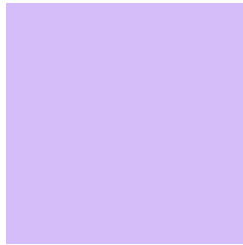
189, 0, 116



61, 0, 38

Previews

White Background



This preview shows how the RGB color 212, 189, 249 looks on a white background.

Color Contrast Check

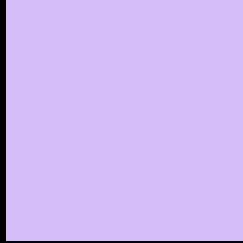
Large Text (above 18pt) WCAG AA × Fail

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 212, 189, 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 212, 189, 249 Background



This preview shows how black text looks on a background with the RGB color 212, 189, 249.



This preview shows how white text looks on a background with the RGB color 212, 189, 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
212, 189, 249

Protanopia
185, 197, 255

Deuteranopia
194, 195, 248



Tritanopia
206, 196, 211

Trichromacy



Original Color
212, 189, 249

Protanomaly
195, 194, 253

Deuteranomaly
201, 193, 248

Tritanomaly
208, 193, 225

Monochromacy



Original Color
212, 189, 249

Achromatopsia
203, 203, 203

Achromatomaly
206, 198, 220

CSS Examples

Text

The CSS property to change the color of the text to RGB 212, 189, 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(212, 189, 249)` looks like.

```
.text, #text, p{  
    color:rgb(212, 189, 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(212, 189, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 189, 249) }
```

Border

The CSS property to change the border of an element to RGB 212, 189, 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(212, 189, 249) }
```

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

```
.border{ border-color:rgb(212, 189, 249) }
```

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

Here you see how a box with a 4 pixel rgb(212, 189, 249) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 189, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 189, 249);  
box-shadow:4px 4px 4px 4px rgb(212, 189,  
249) }
```

Background

The CSS property to change the background color of an element to RGB 212, 189, 249 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 189, 249) }
```

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

```
.background{ background-color: rgb(212,  
189, 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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