

Converting Colors

RGB(218, 212, 254)

Have a look what the booklet for
RGB(218, 212, 254) contains.

RGB(218, 212, 254)	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(218, 212, 254)

Conversions

Conversions Part 1

Format	Color
Hex	DAD4FE
RGB	218, 212, 254
RGB Percent	85%, 83%, 100%
CMY	0.1451, 0.1686, 0.0039
CMYK	0.14, 0.17, 0.00, 0.00
HSL	249°, 95%, 91%
HSV	249°, 17%, 100%
XYZ	70.3463, 69.1482, 103.4052
YIQ	218.5820, -9.9060, 14.3340

Conversions

Conversions Part 2

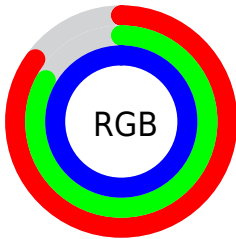
Format	Color
R _Y B	218, 212, 254
Decimal	14341374
CIE Lab	86.58, 10.13, -19.73
CIE LCh	87, 22.181, 297.184
Yxy	69.1482, 0.2896, 0.2847
Android (android.graphics.Color)	4292531454 (0xFFDAD4FE)
YUV	218.5820, 17.4611, -0.5104
Hunter-Lab	83.1554, 5.4824, -15.5194

Details

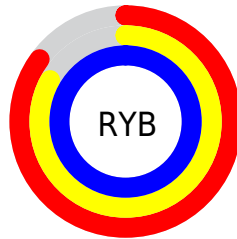
The RGB color **218, 212, 254** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **248, 254, 212**, and the grayscale version is **218, 218, 218**.

A 20% lighter version of the original color is 255, 255, 255, and **163, 157, 197** is the 20% darker color. If you saturate the color by 10%, you get **196, 187, 254**, and if you desaturate by 10%, it is **240, 237, 254**.

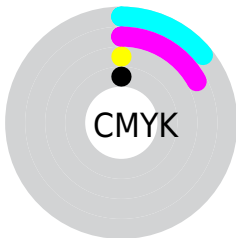
Distribution



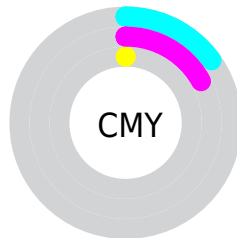
- Red (85%)
- Green (83%)
- Blue (100%)



- Red (85%)
- Yellow (83%)
- Blue (100%)



- Cyan (14%)
- Magenta (17%)
- Yellow (0%)
- Black (0%)



- Cyan (15%)
- Magenta (17%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the RGB color 218, 212, 254 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 218, 212, 254 by changing the saturation by 10% instead.

■ 218, 212, 254

255, 255, 255

■ 218, 212, 254

■ 190, 184, 225

■ 163, 157, 197

■ 136, 131, 170

■ 111, 106, 143

■ 86, 82, 118

■ 62, 59, 93

■ 39, 37, 69

■ 17, 17, 47

■ 0, 1, 26

■ 218, 212, 254

■ 218, 212, 254

■ 196, 187, 254

■ 240, 237, 254

■ 174, 161, 254

255, 255, 254

■ 153, 136, 254

■ 131, 110, 254

■ 109, 85, 254

■ 87, 60, 254

■ 66, 34, 254

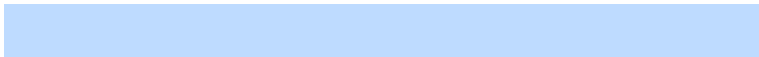
■ 44, 9, 254

■ 36, 0, 254

Harmonies

Analogous

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



190, 219, 255



218, 212, 254



242, 206, 240

Triad

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



218, 212, 254



252, 208, 182



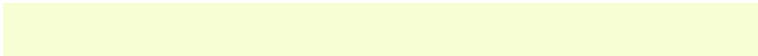
168, 229, 214

Complementary

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



218, 212, 254



248, 254, 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.



188, 226, 193



218, 212, 254



235, 215, 175

Square

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



218, 212, 254



255, 203, 198



212, 221, 179



160, 228, 235

Rectangle

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



218, 212, 254



254, 203, 227



212, 221, 179



174, 228, 207

Sweetspot

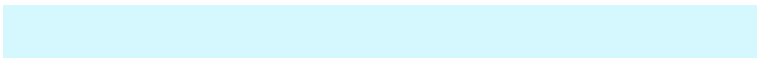
The Sweet Spot groups the original color and five complimentary colors.



218, 212, 254



244, 242, 255



212, 248, 254



121, 120, 128



0, 0, 0



128, 128, 128

Same Dimension

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



218, 212, 254



211, 204, 255



239, 212, 254



117, 115, 128



27, 0, 191



9, 0, 64

Inverse Universe

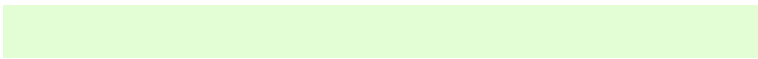
The Inverse Universe completely reimagines the original color for something new.



254, 212, 248



255, 204, 248



227, 254, 212



128, 115, 126



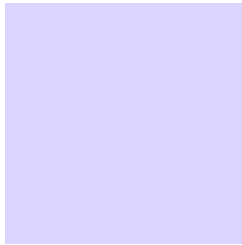
191, 0, 164



64, 0, 55

Previews

White Background



This preview shows how the RGB color 218, 212, 254 looks on a white background.

Color Contrast Check

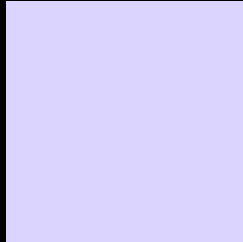
Large Text (above 18pt) WCAG AA × Fail

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 218, 212, 254 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

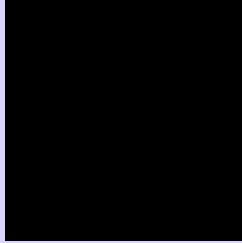
Any Text WCAG AA ✓ Pass

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 218, 212, 254 Background



This preview shows how black text looks on a background with the RGB color 218, 212, 254.

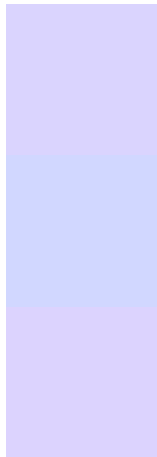


This preview shows how white text looks on a background with the RGB color 218, 212, 254.

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
218, 212, 254

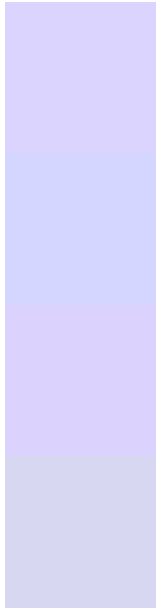
Protanopia
209, 215, 255

Deuteranopia
220, 211, 254



Tritanopia
214, 216, 233

Trichromacy



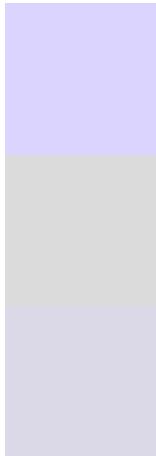
Original Color
218, 212, 254

Protanomaly
212, 214, 255

Deuteranomaly
219, 211, 254

Tritanomaly
215, 215, 241

Monochromacy



Original Color
218, 212, 254

Achromatopsia
219, 219, 219

Achromatomaly
219, 216, 232

CSS Examples

Text

The CSS property to change the color of the text to RGB 218, 212, 254 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(218, 212, 254)` looks like.

```
.text, #text, p{  
    color:rgb(218, 212, 254)  
}
```

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(218, 212, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 212, 254) }
```

Border

The CSS property to change the border of an element to RGB 218, 212, 254 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(218, 212, 254) }
```

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

```
.border{ border-color:rgb(218, 212, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 212, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 212, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 212, 254);  
box-shadow:4px 4px 4px 4px rgb(218, 212,  
254) }
```

Background

The CSS property to change the background color of an element to RGB 218, 212, 254 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 212, 254) }
```

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

```
.background{ background-color: rgb(218,  
212, 254) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor