

Converting Colors

RGB(222, 213, 251)

Have a look what the booklet for
RGB(222, 213, 251) contains.

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Color

RGB(222, 213, 251)

Conversions

Conversions Part 1

Format	Color
Hex	DED5FB
RGB	222, 213, 251
RGB Percent	87%, 84%, 98%
CMY	0.1294, 0.1647, 0.0157
CMYK	0.12, 0.15, 0.00, 0.02
HSL	254°, 83%, 91%
HSV	254°, 15%, 98%
XYZ	71.3310, 70.0831, 101.0346
YIQ	220.0230, -6.8340, 13.7260

Conversions

Conversions Part 2

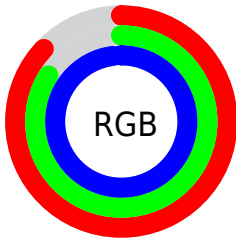
Format	Color
R _Y B	222, 213, 251
Decimal	14603771
CIE Lab	87.04, 10.25, -17.42
CIE LCh	87, 20.214, 300.467
Yxy	70.0831, 0.2942, 0.2891
Android (android.graphics.Color)	4292793851 (0xFFDED5FB)
YUV	220.0230, 15.2717, 1.7338
Hunter-Lab	83.7157, 5.5909, -12.9549

Details

The RGB color **222, 213, 251** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **242, 251, 213**, and the grayscale version is **220, 220, 220**.

A 20% lighter version of the original color is **255, 255, 255**, and **167, 158, 194** is the 20% darker color. If you saturate the color by 10%, you get **203, 188, 251**, and if you desaturate by 10%, it is **241, 238, 251**.

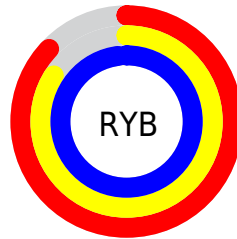
Distribution



Red (87%)

Green (84%)

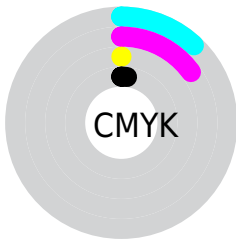
Blue (98%)



Red (87%)

Yellow (84%)

Blue (98%)

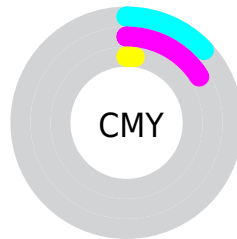


Cyan (12%)

Magenta (15%)

Yellow (0%)

Black (2%)



Cyan (13%)

Magenta (16%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the RGB color 222, 213, 251 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 222, 213, 251 by changing the saturation by 10% instead.

■ 222, 213, 251

255, 255, 255

■ 222, 213, 251

■ 194, 185, 222

■ 167, 158, 194

■ 140, 132, 167

■ 114, 107, 141

■ 90, 83, 115

■ 66, 60, 90

■ 43, 38, 67

■ 21, 18, 45

■ 0, 1, 24

■ 222, 213, 251

■ 222, 213, 251

■ 203, 188, 251

■ 241, 238, 251

■ 184, 163, 251

■ 255, 255, 251

■ 165, 138, 251

■ 145, 113, 251

■ 126, 88, 251

■ 107, 62, 251

■ 88, 37, 251

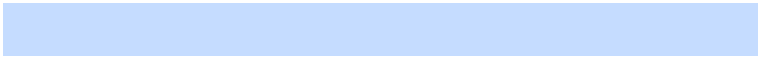
■ 69, 12, 251

■ 59, 0, 251

Harmonies

Analogous

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



197, 220, 255



222, 213, 251



243, 207, 237

Triad

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



222, 213, 251



249, 211, 185



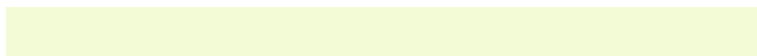
173, 229, 218

Complementary

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



222, 213, 251



242, 251, 213

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.



190, 227, 199



222, 213, 251



233, 217, 180

Square

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



222, 213, 251



255, 206, 199



212, 223, 185



167, 229, 237

Rectangle

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



222, 213, 251



253, 205, 225



212, 223, 185



178, 229, 211

Sweetspot

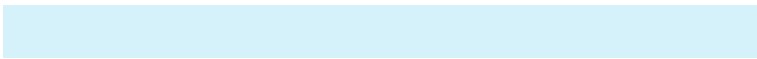
The Sweet Spot groups the original color and five complimentary colors.



222, 213, 251



245, 242, 255



213, 242, 251



122, 120, 128



0, 0, 0



128, 128, 128

Same Dimension

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



222, 213, 251



220, 209, 255



241, 213, 251



115, 112, 125



45, 0, 189



14, 0, 61

Inverse Universe

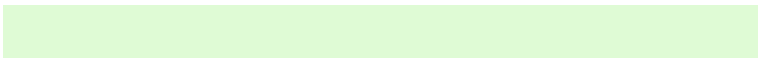
The Inverse Universe completely reimagines the original color for something new.



251, 213, 242



255, 209, 244



223, 251, 213



125, 112, 122



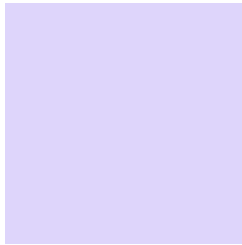
189, 0, 144



61, 0, 47

Previews

White Background



This preview shows how the RGB color 222, 213, 251 looks on a white background.

Color Contrast Check

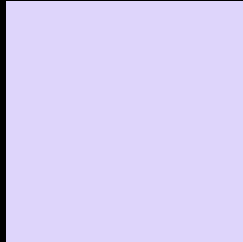
Large Text (above 18pt) WCAG AA × Fail

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 222, 213, 251 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

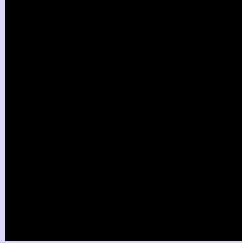
Any Text WCAG AA ✓ Pass

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 222, 213, 251 Background



This preview shows how black text looks on a background with the RGB color 222, 213, 251.



This preview shows how white text looks on a background with the RGB color 222, 213, 251.

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
222, 213, 251

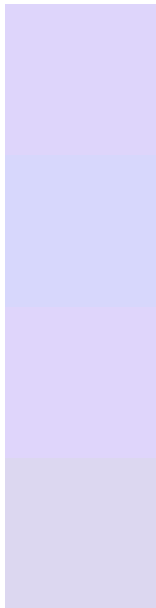
Protanopia
211, 216, 253

Deuteranopia
223, 213, 251



Tritanopia
219, 216, 233

Trichromacy



Original Color
222, 213, 251

Protanomaly
215, 215, 252

Deuteranomaly
223, 213, 251

Tritanomaly
220, 215, 240

Monochromacy



Original Color
222, 213, 251

Achromatopsia
220, 220, 220

Achromatomaly
221, 217, 231

CSS Examples

Text

The CSS property to change the color of the text to RGB 222, 213, 251 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(222, 213, 251)` looks like.

```
.text, #text, p{  
    color:rgb(222, 213, 251)  
}
```

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(222, 213, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 213, 251) }
```

Border

The CSS property to change the border of an element to RGB 222, 213, 251 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(222, 213, 251) }
```

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

```
.border{ border-color:rgb(222, 213, 251) }
```

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

Here you see how a box with a 4 pixel rgb(222, 213, 251) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 213, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 213, 251);  
box-shadow:4px 4px 4px 4px rgb(222, 213,  
251) }
```

Background

The CSS property to change the background color of an element to RGB 222, 213, 251 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 213, 251) }
```

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

```
.background{ background-color: rgb(222,  
213, 251) }
```

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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