

Converting Colors

RGB(221, 215, 242)

Have a look what the booklet for
RGB(221, 215, 242) contains.

RGB(221, 215, 242)	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(221, 215, 242)

Conversions

Conversions Part 1

Format	Color
Hex	DDD7F2
RGB	221, 215, 242
RGB Percent	87%, 84%, 95%
CMY	0.1333, 0.1569, 0.0510
CMYK	0.09, 0.11, 0.00, 0.05
HSL	253°, 51%, 90%
HSV	253°, 11%, 95%
XYZ	70.1462, 70.3838, 93.8927
YIQ	219.8720, -5.0910, 9.6690

Conversions

Conversions Part 2

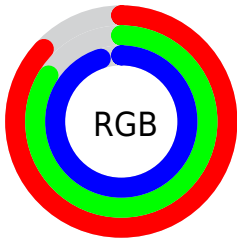
Format	Color
R _Y B	221, 215, 242
Decimal	14538738
CIE Lab	87.18, 7.09, -12.46
CIE LCh	87, 14.334, 299.625
Yxy	70.3838, 0.2992, 0.3002
Android (android.graphics.Color)	4292728818 (0xFFDDD7F2)
YUV	219.8720, 10.9091, 0.9893
Hunter-Lab	83.8951, 2.4308, -7.6290

Details

The RGB color **221, 215, 242** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **236, 242, 215**, and the grayscale version is **220, 220, 220**.

A 20% lighter version of the original color is **255, 255, 255**, and **166, 160, 186** is the 20% darker color. If you saturate the color by 10%, you get **202, 191, 242**, and if you desaturate by 10%, it is **240, 239, 242**.

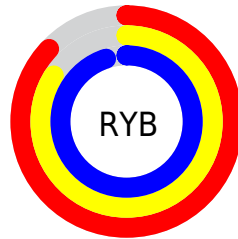
Distribution



Red (87%)

Green (84%)

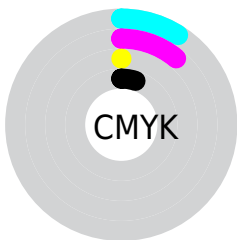
Blue (95%)



Red (87%)

Yellow (84%)

Blue (95%)

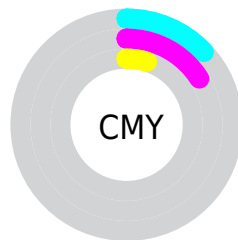


Cyan (9%)

Magenta (11%)

Yellow (0%)

Black (5%)



Cyan (13%)

Magenta (16%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the RGB color 221, 215, 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 221, 215, 242 by changing the saturation by 10% instead.

■ 221, 215, 242

255, 255, 255

■ 221, 215, 242

■ 193, 187, 214

■ 166, 160, 186

■ 139, 134, 159

■ 114, 109, 133

■ 89, 85, 108

■ 66, 61, 83


■ 43, 40, 60

■ 22, 19, 38

■ 0, 1, 17

 221, 215, 242

 221, 215, 242


 202, 191, 242

 240, 239, 242


 183, 167, 242

 255, 255, 242

 165, 142, 242


 146, 118, 242

 127, 94, 242

 108, 70, 242

 89, 46, 242

 70, 21, 242

 54, 0, 242

Harmonies

Analogous

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



204, 220, 245



221, 215, 242



236, 211, 232

Triad

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



221, 215, 242



242, 213, 195



188, 227, 218

Complementary

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



221, 215, 242



236, 242, 215

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.



199, 225, 204



221, 215, 242



230, 217, 191

Square

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



221, 215, 242



248, 210, 206



215, 222, 195



184, 226, 231

Rectangle

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



221, 215, 242



243, 210, 224



215, 222, 195



191, 226, 213

Sweetspot

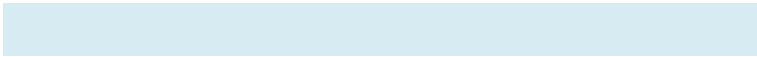
The Sweet Spot groups the original color and five complimentary colors.



221, 215, 242



249, 247, 255



215, 236, 242



124, 122, 128



0, 0, 0



128, 128, 128

Same Dimension

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



221, 215, 242



229, 222, 255



234, 215, 242



111, 108, 120



41, 0, 184



12, 0, 56

Inverse Universe

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



242, 215, 236



255, 222, 248



223, 242, 215



120, 108, 117



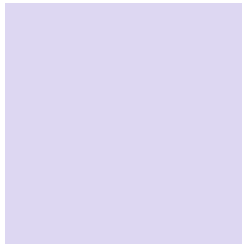
184, 0, 143



56, 0, 44

Previews

White Background



This preview shows how the RGB color 221, 215, 242 looks on a white background.

Color Contrast Check

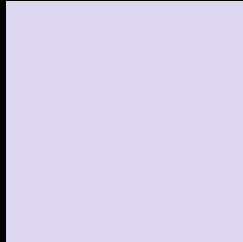
Large Text (above 18pt) WCAG AA × Fail

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 221, 215, 242 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

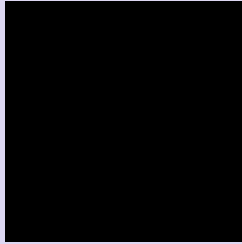
Any Text WCAG AA ✓ Pass

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 221, 215, 242 Background



This preview shows how black text looks on a background with the RGB color 221, 215, 242.



This preview shows how white text looks on a background with the RGB color 221, 215, 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](#).

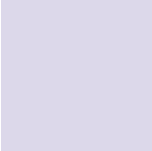
Dichromacy



Original Color
221, 215, 242

Protanopia
215, 217, 243

Deuteranopia
228, 212, 243



Tritanopia
220, 216, 234

Trichromacy



Original Color

221, 215, 242

Protanomaly

217, 216, 243

Deuteranomaly

225, 213, 243

Tritanomaly

220, 216, 237

Monochromacy



Original Color

221, 215, 242

Achromatopsia

220, 220, 220

Achromatomaly

220, 218, 228

CSS Examples

Text

The CSS property to change the color of the text to RGB 221, 215, 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(221, 215, 242)` looks like.

```
.text, #text, p{  
    color:rgb(221, 215, 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(221, 215, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 215, 242) }
```

Border

The CSS property to change the border of an element to RGB 221, 215, 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(221, 215, 242) }
```

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

```
.border{ border-color:rgb(221, 215, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 215, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 215, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 215, 242);  
box-shadow:4px 4px 4px 4px rgb(221, 215,  
242) }
```

Background

The CSS property to change the background color of an element to RGB 221, 215, 242 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 215, 242) }
```

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

```
.background{ background-color: rgb(221,  
215, 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](#).

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