

Converting Colors

RGB(213, 195, 239)

Have a look what the booklet for
RGB(213, 195, 239) contains.

RGB(213, 195, 239)	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(213, 195, 239)

Conversions

Conversions Part 1

Format	Color
Hex	D5C3EF
RGB	213, 195, 239
RGB Percent	84%, 76%, 94%
CMY	0.1647, 0.2353, 0.0627
CMYK	0.11, 0.18, 0.00, 0.06
HSL	265°, 58%, 85%
HSV	265°, 18%, 94%
XYZ	62.5357, 59.4083, 89.8323
YIQ	205.3980, -3.3960, 17.5000

Conversions

Conversions Part 2

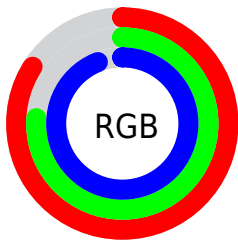
Format	Color
R _Y B	213, 195, 239
Decimal	14009327
CIE Lab	81.52, 14.55, -19.45
CIE LCh	82, 24.291, 306.802
Yxy	59.4083, 0.2953, 0.2805
Android (android.graphics.Color)	4292199407 (0xFFD5C3EF)
YUV	205.3980, 16.5658, 6.6670
Hunter-Lab	77.0768, 9.9402, -15.1482

Details

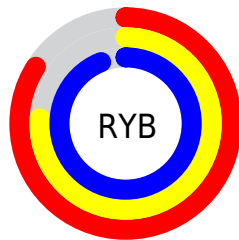
The RGB color **213, 195, 239** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **221, 239, 195**, and the grayscale version is **205, 205, 205**.

A 20% lighter version of the original color is 255, 252, 255, and **158, 141, 183** is the 20% darker color. If you saturate the color by 10%, you get **199, 171, 239**, and if you desaturate by 10%, it is **227, 219, 239**.

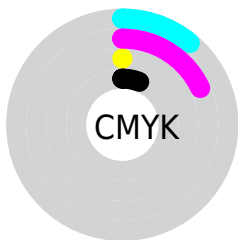
Distribution



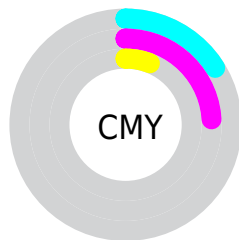
- Red (84%)
- Green (76%)
- Blue (94%)



- Red (84%)
- Yellow (76%)
- Blue (94%)



- Cyan (11%)
- Magenta (18%)
- Yellow (0%)
- Black (6%)



- Cyan (16%)
- Magenta (24%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the RGB color 213, 195, 239 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 213, 195, 239 by changing the saturation by 10% instead.

■ 213, 195, 239

255, 255, 255

■ 255, 252, 255

■ 213, 195, 239

■ 185, 168, 211

■ 158, 141, 183

■ 132, 116, 156

■ 106, 91, 130

■ 82, 68, 105

■ 58, 45, 80


■ 36, 24, 57

■ 17, 0, 36

■ 0, 0, 12


 213, 195, 239


 213, 195, 239

 199, 171, 239

 227, 219, 239


 185, 147, 239


 241, 243, 239


 171, 123, 239

 255, 255, 239


 157, 99, 239

 142, 75, 239

 128, 52, 239

 114, 28, 239

 100, 4, 239

 98, 0, 239

Harmonies

Analogous

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



183, 203, 247



213, 195, 239



237, 189, 221

Triad

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



213, 195, 239



235, 195, 161



144, 216, 207

Complementary

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



213, 195, 239



221, 239, 195

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.



164, 214, 184



213, 195, 239



215, 203, 157

Square

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



213, 195, 239



248, 189, 176



189, 209, 166



140, 214, 229

Rectangle

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



213, 195, 239



246, 187, 206



189, 209, 166



150, 215, 199

Sweetspot

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



213, 195, 239



246, 240, 255



195, 221, 239



122, 119, 128



0, 0, 0



128, 128, 128

Same Dimension

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



213, 195, 239



222, 199, 255



235, 195, 239



113, 108, 120



75, 0, 184



23, 0, 56

Inverse Universe

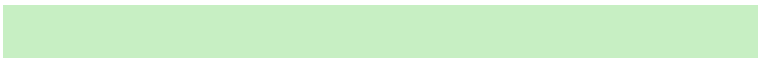
The Inverse Universe completely reimagines the original color for something new.



239, 195, 221



255, 199, 232



199, 239, 195



120, 108, 115



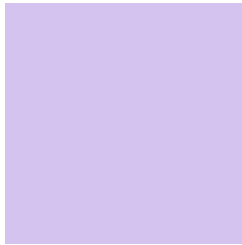
184, 0, 108



56, 0, 33

Previews

White Background



This preview shows how the RGB color 213, 195, 239 looks on a white background.

Color Contrast Check

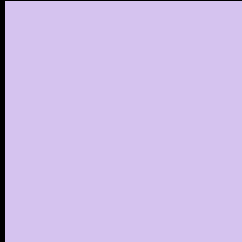
Large Text (above 18pt) WCAG AA × Fail

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 213, 195, 239 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 213, 195, 239 Background



This preview shows how black text looks on a background with the RGB color 213, 195, 239.



This preview shows how white text looks on a background with the RGB color 213, 195, 239.

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
213, 195, 239

Protanopia
194, 201, 243

Deuteranopia
205, 198, 238



Tritanopia
209, 199, 215

Trichromacy



Original Color
213, 195, 239

Protanomaly
201, 199, 242

Deuteranomaly
208, 197, 238

Tritanomaly
210, 198, 224

Monochromacy



Original Color
213, 195, 239

Achromatopsia
205, 205, 205

Achromatomaly
208, 201, 217

CSS Examples

Text

The CSS property to change the color of the text to RGB 213, 195, 239 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(213, 195, 239)` looks like.

```
.text, #text, p{  
    color:rgb(213, 195, 239)  
}
```

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(213, 195, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 195, 239) }
```

Border

The CSS property to change the border of an element to RGB 213, 195, 239 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(213, 195, 239) }
```

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

```
.border{ border-color:rgb(213, 195, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 195, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 195, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 195, 239);  
box-shadow:4px 4px 4px 4px rgb(213, 195,  
239) }
```

Background

The CSS property to change the background color of an element to RGB 213, 195, 239 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 195, 239) }
```

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

```
.background{ background-color: rgb(213,  
195, 239) }
```

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