

Converting Colors

RGB(201, 201, 232)

Have a look what the booklet for
RGB(201, 201, 232) contains.

RGB(201, 201, 232)	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(201, 201, 232)

Conversions

Conversions Part 1

Format	Color
Hex	C9C9E8
RGB	201, 201, 232
RGB Percent	79%, 79%, 91%
CMY	0.2118, 0.2118, 0.0902
CMYK	0.13, 0.13, 0.00, 0.09
HSL	240°, 40%, 85%
HSV	240°, 13%, 91%
XYZ	59.5395, 60.0170, 84.7903
YIQ	204.5340, -9.9510, 9.6410

Conversions

Conversions Part 2

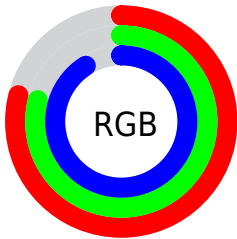
Format	Color
R _{YB}	201, 201, 232
Decimal	13224424
CIE Lab	81.85, 6.06, -15.30
CIE LCh	82, 16.458, 291.612
Yxy	60.0170, 0.2914, 0.2937
Android (android.graphics.Color)	4291414504 (0xFFC9C9E8)
YUV	204.5340, 13.5407, -3.0993
Hunter-Lab	77.4706, 1.6113, -10.6625

Details

The RGB color **201, 201, 232** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **232, 232, 201**, and the grayscale version is **204, 204, 204**.

A 20% lighter version of the original color is 255, 255, 255, and **147, 147, 176** is the 20% darker color. If you saturate the color by 10%, you get **178, 178, 232**, and if you desaturate by 10%, it is **224, 224, 232**.

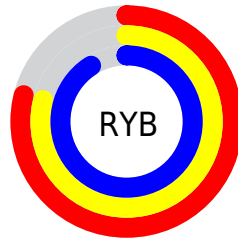
Distribution



Red (79%)

Green (79%)

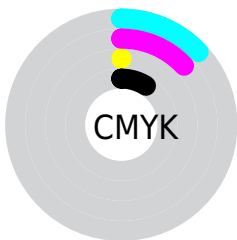
Blue (91%)



Red (79%)

Yellow (79%)

Blue (91%)

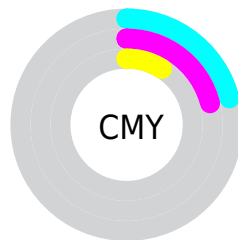


Cyan (13%)

Magenta (13%)

Yellow (0%)

Black (9%)



Cyan (21%)

Magenta (21%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the RGB color 201, 201, 232 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 201, 201, 232 by changing the saturation by 10% instead.

■ 201, 201, 232

255, 255, 255

■ 201, 201, 232

■ 174, 174, 204

■ 147, 147, 176

■ 121, 121, 150

■ 96, 97, 124

■ 72, 73, 99

■ 49, 50, 75


■ 27, 29, 52

■ 4, 4, 31

■ 0, 0, 3

 201, 201, 232


 201, 201, 232

 178, 178, 232

 224, 224, 232

 155, 155, 232


 247, 247, 232

 131, 131, 232

 255, 255, 232

 108, 108, 232

 85, 85, 232

 62, 62, 232

 39, 39, 232

 15, 15, 232

 0, 0, 232

Harmonies

Analogous

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



182, 206, 234



201, 201, 232



220, 196, 223

Triad

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



201, 201, 232



232, 196, 180



171, 212, 198

Complementary

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



201, 201, 232



232, 232, 201

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.



186, 210, 184



201, 201, 232



220, 201, 173

Square

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



201, 201, 232



236, 193, 193



204, 206, 175



164, 212, 214

Rectangle

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



201, 201, 232



229, 194, 214



204, 206, 175



176, 212, 193

Sweetspot

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



201, 201, 232



245, 245, 255



201, 232, 232



121, 121, 128



0, 0, 0



128, 128, 128

Same Dimension

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



201, 201, 232



214, 214, 255



217, 201, 232



103, 103, 115



0, 0, 179



0, 0, 51

Inverse Universe

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



232, 201, 232



255, 214, 255



217, 232, 201



115, 103, 115



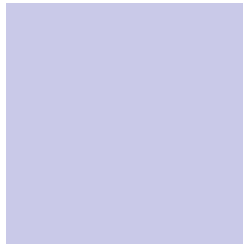
179, 0, 179



51, 0, 51

Previews

White Background



This preview shows how the RGB color 201, 201, 232 looks on a white background.

Color Contrast Check

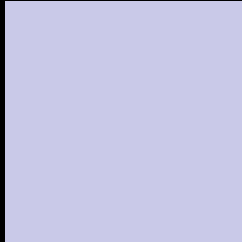
Large Text (above 18pt) WCAG AA × Fail

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 201, 201, 232 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

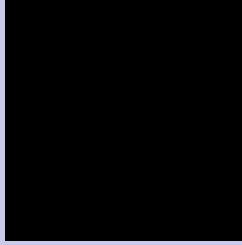
Any Text WCAG AA ✓ Pass

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 201, 201, 232 Background



This preview shows how black text looks on a background with the RGB color 201, 201, 232.



This preview shows how white text looks on a background with the RGB color 201, 201, 232.

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

201, 201, 232

Protanopia

198, 202, 233

Deuteranopia

209, 198, 233



Tritanopia
199, 203, 219

Trichromacy



Original Color
201, 201, 232

Protanomaly
199, 202, 233

Deuteranomaly
206, 199, 233

Tritanomaly
200, 202, 224

Monochromacy



Original Color
201, 201, 232

Achromatopsia
205, 205, 205

Achromatomaly
204, 204, 215

CSS Examples

Text

The CSS property to change the color of the text to RGB 201, 201, 232 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(201, 201, 232)` looks like.

```
.text, #text, p{  
    color:rgb(201, 201, 232)  
}
```

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(201, 201, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 201, 232) }
```

Border

The CSS property to change the border of an element to RGB 201, 201, 232 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(201, 201, 232) }
```

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

```
.border{ border-color:rgb(201, 201, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 201, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 201, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 201, 232);  
box-shadow:4px 4px 4px 4px rgb(201, 201,  
232) }
```

Background

The CSS property to change the background color of an element to RGB 201, 201, 232 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 201, 232) }
```

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

```
.background{ background-color: rgb(201,  
201, 232) }
```

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