

Converting Colors

RGB(221, 221, 237)

Have a look what the booklet for
RGB(221, 221, 237) contains.

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Color

RGB(221, 221, 237)

Conversions

Conversions Part 1

Format	Color
Hex	DDDDDD
RGB	221, 221, 237
RGB Percent	87%, 87%, 93%
CMY	0.1333, 0.1333, 0.0706
CMYK	0.07, 0.07, 0.00, 0.07
HSL	240°, 31%, 90%
HSV	240°, 7%, 93%
XYZ	70.9613, 73.1995, 90.5096
YIQ	222.8240, -5.1360, 4.9760

Conversions

Conversions Part 2

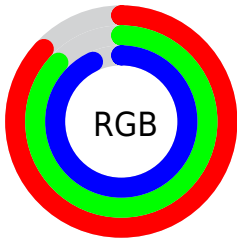
Format	Color
R _Y B	221, 221, 237
Decimal	14540269
CIE Lab	88.54, 2.98, -7.80
CIE LCh	89, 8.353, 290.870
Yxy	73.1995, 0.3024, 0.3119
Android (android.graphics.Color)	4292730349 (0xFFDDDDDED)
YUV	222.8240, 6.9888, -1.5996
Hunter-Lab	85.5567, -1.6751, -2.8326

Details

The RGB color **221, 221, 237** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **237, 237, 221**, and the grayscale version is **223, 223, 223**.

A 20% lighter version of the original color is **255, 255, 255**, and **166, 166, 181** is the 20% darker color. If you saturate the color by 10%, you get **197, 197, 237**, and if you desaturate by 10%, it is **245, 245, 237**.

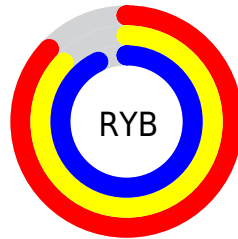
Distribution



Red (87%)

Green (87%)

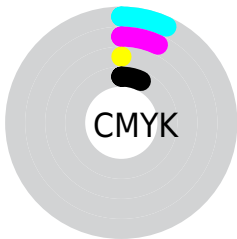
Blue (93%)



Red (87%)

Yellow (87%)

Blue (93%)

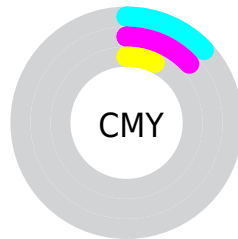


Cyan (7%)

Magenta (7%)

Yellow (0%)

Black (7%)



Cyan (13%)

Magenta (13%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the RGB color 221, 221, 237 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, 221, 237 by changing the saturation by 10% instead.

■ 221, 221, 237

255, 255, 255

■ 221, 221, 237

■ 193, 193, 209

■ 166, 166, 181

■ 140, 140, 154

■ 114, 114, 128

■ 89, 90, 103

■ 66, 66, 79


■ 44, 44, 56

■ 23, 24, 35

■ 0, 1, 13

 221, 221, 237


 221, 221, 237


 197, 197, 237


 245, 245, 237

 174, 174, 237

 255, 255, 237


 150, 150, 237


 126, 126, 237

 102, 102, 237

 79, 79, 237

 55, 55, 237

 31, 31, 237

 8, 8, 237

Harmonies

Analogous

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



212, 224, 238



221, 221, 237



230, 219, 232

Triad

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



221, 221, 237



238, 218, 210



206, 227, 219

Complementary

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



221, 221, 237



237, 237, 221

Split Complementary

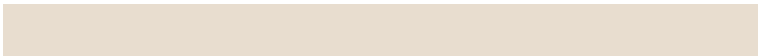
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



214, 226, 212



221, 221, 237



232, 221, 207

Square

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



221, 221, 237



240, 217, 217



223, 223, 207



203, 227, 228

Rectangle

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



221, 221, 237



235, 218, 228



223, 223, 207



208, 227, 217

Sweetspot

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



221, 221, 237



250, 250, 255



221, 237, 237



125, 125, 128



0, 0, 0



128, 128, 128

Same Dimension

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



221, 221, 237



235, 235, 255



229, 221, 237



106, 106, 117



0, 0, 181



0, 0, 54

Inverse Universe

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



237, 221, 237



255, 235, 255



229, 237, 221



117, 106, 117



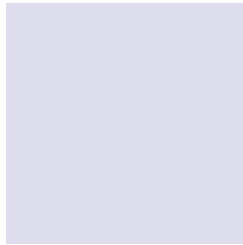
181, 0, 181



54, 0, 54

Previews

White Background



This preview shows how the RGB color 221, 221, 237 looks on a white background.

Color Contrast Check

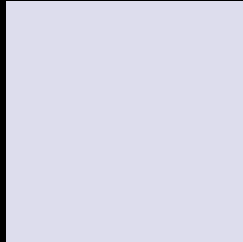
Large Text (above 18pt) WCAG AA × Fail

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, 221, 237 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

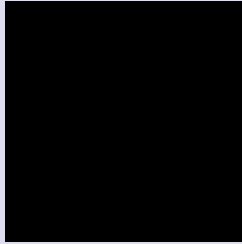
Any Text WCAG AA ✓ Pass

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, 221, 237 Background



This preview shows how black text looks on a background with the RGB color 221, 221, 237.

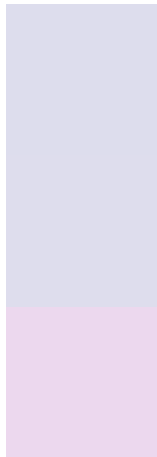


This preview shows how white text looks on a background with the RGB color 221, 221, 237.

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, 221, 237

Protanopia
222, 221, 237

Deuteranopia
236, 216, 238



Tritanopia
221, 221, 238

Trichromacy



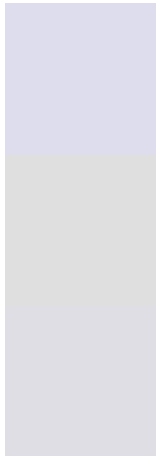
Original Color
221, 221, 237

Protanomaly
222, 221, 237

Deuteranomaly
231, 218, 238

Tritanomaly
221, 221, 238

Monochromacy



Original Color
221, 221, 237

Achromatopsia
223, 223, 223

Achromatomaly
222, 222, 228

CSS Examples

Text

The CSS property to change the color of the text to RGB 221, 221, 237 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, 221, 237)` looks like.

```
.text, #text, p{  
    color:rgb(221, 221, 237)  
}
```

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, 221, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 221, 237) }
```

Border

The CSS property to change the border of an element to RGB 221, 221, 237 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, 221, 237) }
```

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

```
.border{ border-color:rgb(221, 221, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 221, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(221, 221, 237); -webkit-box-shadow:4px 4px 4px 4px rgb(221, 221, 237); box-shadow:4px 4px 4px 4px rgb(221, 221, 237) }
```

Background

The CSS property to change the background color of an element to RGB 221, 221, 237 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 221, 237) }
```

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

```
.background{ background-color: rgb(221,  
221, 237) }
```

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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