

# Converting Colors

RGB(221, 228, 241)

Have a look what the booklet for  
RGB(221, 228, 241) contains.

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# **Color**

**RGB(221, 228, 241)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DDE4F1
RGB	221, 228, 241
RGB Percent	87%, 89%, 95%
CMY	0.1333, 0.1059, 0.0549
CMYK	0.08, 0.05, 0.00, 0.05
HSL	219°, 42%, 91%
HSV	219°, 8%, 95%
XYZ	73.4394, 77.2098, 94.2514
YIQ	227.3890, -8.3450, 2.5590

# Conversions

## Conversions Part 2

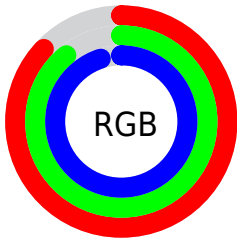
Format	Color
R <sub>Y</sub> B	221, 226, 241
Decimal	14542065
CIE Lab	90.42, 0.11, -7.13
CIE LCh	90, 7.129, 270.900
Yxy	77.2098, 0.2999, 0.3153
Android (android.graphics.Color)	4292732145 (0xFFDDE4F1)
YUV	227.3890, 6.7102, -5.6032
Hunter-Lab	87.8691, -4.5840, -2.0881

# Details

The RGB color **221, 228, 241** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **241, 234, 221**, and the grayscale version is **227, 227, 227**.

A 20% lighter version of the original color is **255, 255, 255**, and **166, 173, 185** is the 20% darker color. If you saturate the color by 10%, you get **197, 212, 241**, and if you desaturate by 10%, it is **245, 244, 241**.

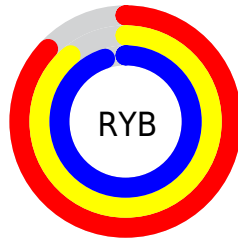
# Distribution



Red (87%)

Green (89%)

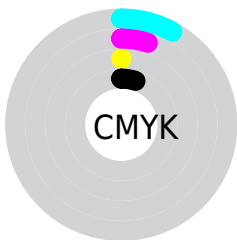
Blue (95%)



Red (87%)

Yellow (89%)

Blue (95%)

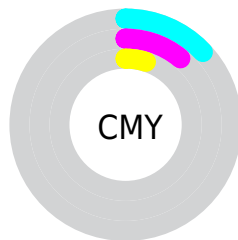


Cyan (8%)

Magenta (5%)

Yellow (0%)

Black (5%)



Cyan (13%)

Magenta (11%)

Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the RGB color 221, 228, 241 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, 228, 241 by changing the saturation by 10% instead.



■ 221, 228, 241

255, 255, 255

■ 221, 228, 241

■ 193, 200, 213

■ 166, 173, 185

■ 140, 146, 158

■ 114, 120, 132

■ 89, 96, 107

■ 66, 72, 83

■ 44, 50, 60

■ 23, 29, 38

■ 0, 2, 17

 221, 228, 241

 221, 228, 241

 197, 212, 241


 245, 244, 241


 173, 197, 241


 255, 255, 241


 149, 181, 241

 125, 165, 241

 101, 150, 241

 76, 134, 241

 52, 118, 241

 28, 103, 241

 4, 87, 241

# Harmonies

## Analogous

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



214, 230, 239



221, 228, 241



229, 226, 239

# Triad

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



221, 228, 241



243, 223, 221



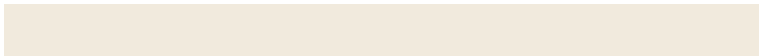
218, 231, 221

# Complementary

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



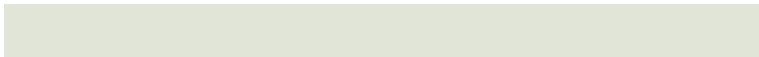
221, 228, 241



241, 234, 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.



225, 229, 216



221, 228, 241



240, 225, 216

# Square

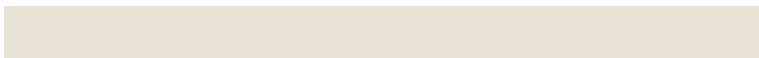
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



221, 228, 241



242, 223, 228



233, 227, 214



213, 232, 227

# Rectangle

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



221, 228, 241



235, 224, 236



233, 227, 214



220, 230, 219



# Sweetspot

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



221, 228, 241



250, 252, 255



221, 241, 234



125, 126, 128



0, 0, 0



128, 128, 128

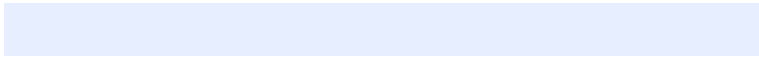


# Same Dimension

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



221, 228, 241



230, 238, 255



224, 221, 241



108, 112, 120



0, 64, 184



0, 20, 56



# Inverse Universe

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



241, 221, 228



255, 230, 238



238, 241, 221



120, 108, 112



184, 0, 64

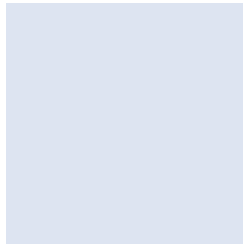


56, 0, 20



# Previews

## White Background



This preview shows how the RGB color 221, 228, 241 looks on a white background.

## Color Contrast Check

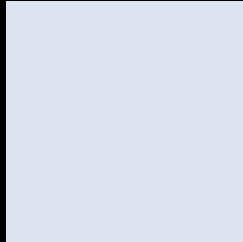
Large Text (above 18pt) WCAG AA × Fail

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, 228, 241 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

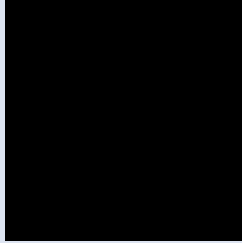
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

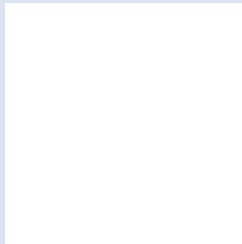
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## RGB 221, 228, 241 Background



This preview shows how black text looks on a background with the RGB color 221, 228, 241.

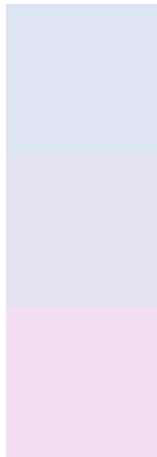


This preview shows how white text looks on a background with the RGB color 221, 228, 241.

# 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, 228, 241

**Protanopia**  
228, 226, 240

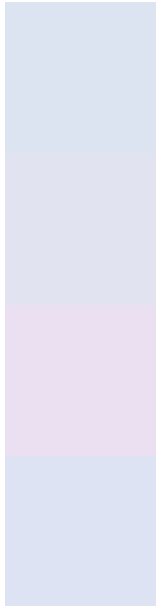
**Deuteranopia**  
243, 221, 242



# Tritanopia

222, 227, 245

# Trichromacy



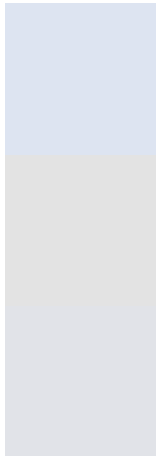
**Original Color**  
221, 228, 241

**Protanomaly**  
225, 227, 240

**Deuteranomaly**  
235, 224, 242

**Tritanomaly**  
222, 227, 244

# Monochromacy



**Original Color**  
221, 228, 241

**Achromatopsia**  
227, 227, 227

**Achromatomaly**  
225, 227, 232

# CSS Examples

## Text

The CSS property to change the color of the text to RGB 221, 228, 241 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, 228, 241)` looks like.

```
.text, #text, p{  
    color:rgb(221, 228, 241)  
}
```

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, 228, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 228, 241) }
```

## Border

The CSS property to change the border of an element to RGB 221, 228, 241 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, 228, 241) }
```

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

```
.border{ border-color:rgb(221, 228, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 228, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 228, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 228, 241);  
box-shadow:4px 4px 4px 4px rgb(221, 228,  
241) }
```

# Background

The CSS property to change the background color of an element to RGB 221, 228, 241 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 228, 241) }
```

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

```
.background{ background-color: rgb(221,  
228, 241) }
```

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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