

Converting Colors

RGB(220, 224, 242)

Have a look what the booklet for
RGB(220, 224, 242) contains.

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Color

RGB(220, 224, 242)

Conversions

Conversions Part 1

Format	Color
Hex	DCE0F2
RGB	220, 224, 242
RGB Percent	86%, 88%, 95%
CMY	0.1373, 0.1216, 0.0510
CMYK	0.09, 0.07, 0.00, 0.05
HSL	229°, 46%, 91%
HSV	229°, 9%, 95%
XYZ	72.1979, 74.9378, 94.6636
YIQ	224.8560, -8.1620, 4.7500

Conversions

Conversions Part 2

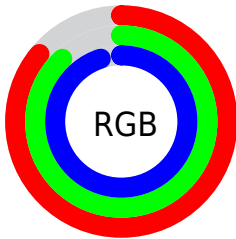
Format	Color
R _{YB}	220, 223, 242
Decimal	14475506
CIE Lab	89.36, 2.06, -9.22
CIE LCh	89, 9.449, 282.568
Yxy	74.9378, 0.2986, 0.3099
Android (android.graphics.Color)	4292665586 (0xFFDCE0F2)
YUV	224.8560, 8.4520, -4.2587
Hunter-Lab	86.5666, -2.6198, -4.2391

Details

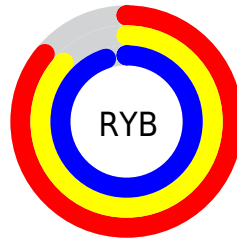
The RGB color **220, 224, 242** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **242, 238, 220**, and the grayscale version is **225, 225, 225**.

A 20% lighter version of the original color is **255, 255, 255**, and **165, 169, 186** is the 20% darker color. If you saturate the color by 10%, you get **196, 204, 242**, and if you desaturate by 10%, it is **244, 244, 242**.

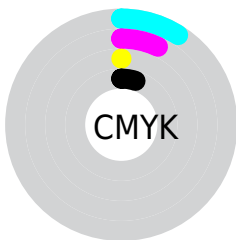
Distribution



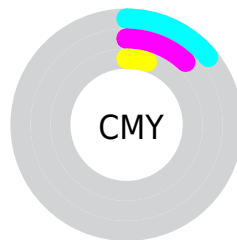
- Red (86%)
- Green (88%)
- Blue (95%)



- Red (86%)
- Yellow (87%)
- Blue (95%)



- Cyan (9%)
- Magenta (7%)
- Yellow (0%)
- Black (5%)



- Cyan (14%)
- Magenta (12%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the RGB color 220, 224, 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 220, 224, 242 by changing the saturation by 10% instead.

■ 220, 224, 242

255, 255, 255

■ 220, 224, 242

■ 192, 196, 214

■ 165, 169, 186

■ 139, 142, 159

■ 113, 117, 133

■ 88, 92, 108

■ 65, 69, 83

■ 43, 47, 60

■ 22, 26, 38


■ 0, 1, 18

 220, 224, 242


 220, 224, 242


 196, 204, 242


 244, 244, 242


 172, 184, 242


 255, 255, 242

 147, 165, 242

 123, 145, 242

 99, 125, 242

 75, 105, 242

 51, 85, 242

 26, 66, 242

 2, 46, 242

Harmonies

Analogous

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



210, 227, 241



220, 224, 242



231, 221, 238

Triad

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



220, 224, 242



243, 220, 213



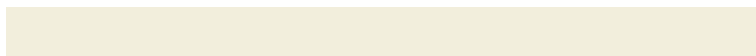
208, 230, 219

Complementary

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



220, 224, 242



242, 238, 220

Split Complementary

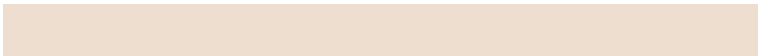
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



218, 228, 211



220, 224, 242



237, 222, 208

Square

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



220, 224, 242



244, 219, 221



228, 225, 207



203, 230, 228

Rectangle

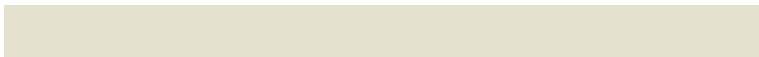
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



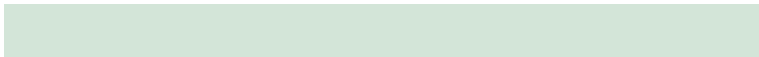
220, 224, 242



237, 220, 233



228, 225, 207



211, 229, 216

Sweetspot

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



220, 224, 242



247, 249, 255



220, 242, 238



122, 123, 128



0, 0, 0



128, 128, 128

Same Dimension

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



220, 224, 242



227, 232, 255



227, 220, 242



108, 110, 120



0, 33, 184



0, 10, 56

Inverse Universe

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



242, 220, 224



255, 227, 232



235, 242, 220



120, 108, 110



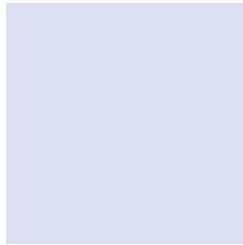
184, 0, 33



56, 0, 10

Previews

White Background



This preview shows how the RGB color 220, 224, 242 looks on a white background.

Color Contrast Check

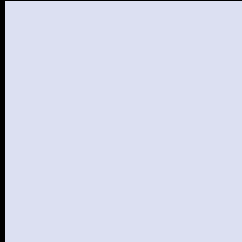
Large Text (above 18pt) WCAG AA × Fail

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 220, 224, 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 220, 224, 242 Background



This preview shows how black text looks on a background with the RGB color 220, 224, 242.

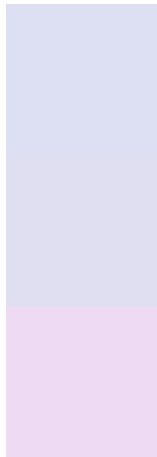


This preview shows how white text looks on a background with the RGB color 220, 224, 242.

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
220, 224, 242

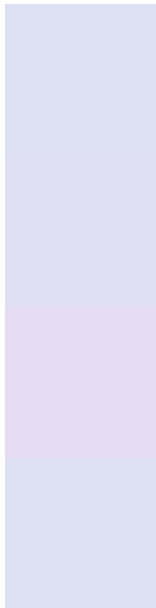
Protanopia
223, 223, 241

Deuteranopia
238, 218, 243



Tritanopia
220, 224, 242

Trichromacy



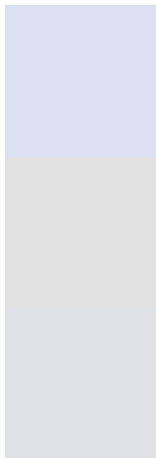
Original Color
220, 224, 242

Protanomaly
222, 223, 241

Deuteranomaly
231, 220, 243

Tritanomaly
220, 224, 242

Monochromacy



Original Color
220, 224, 242

Achromatopsia
225, 225, 225

Achromatomaly
223, 225, 231

CSS Examples

Text

The CSS property to change the color of the text to RGB 220, 224, 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(220, 224, 242)` looks like.

```
.text, #text, p{  
    color:rgb(220, 224, 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(220, 224, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 224, 242) }
```

Border

The CSS property to change the border of an element to RGB 220, 224, 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(220, 224, 242) }
```

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

```
.border{ border-color:rgb(220, 224, 242) }
```

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

Here you see how a box with a 4 pixel rgb(220, 224, 242) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 224, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 224, 242);  
box-shadow:4px 4px 4px 4px rgb(220, 224,  
242) }
```

Background

The CSS property to change the background color of an element to RGB 220, 224, 242 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 224, 242) }
```

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

```
.background{ background-color: rgb(220,  
224, 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](#).

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