

Converting Colors

RGB(220, 221, 216)

Have a look what the booklet for
RGB(220, 221, 216) contains.

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Color

RGB(220, 221, 216)

Conversions

Conversions Part 1

Format	Color
Hex	DCDDD8
RGB	220, 221, 216
RGB Percent	86%, 87%, 85%
CMY	0.1373, 0.1333, 0.1529
CMYK	0.00, 0.00, 0.02, 0.13
HSL	72°, 7%, 86%
HSV	72°, 2%, 87%
XYZ	67.7663, 71.8864, 75.2695
YIQ	220.1310, 1.0090, -1.7670

Conversions

Conversions Part 2

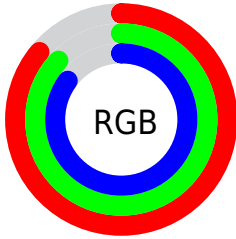
Format	Color
R _Y B	216, 221, 217
Decimal	14474712
CIE Lab	87.91, -1.23, 2.32
CIE LCh	88, 2.625, 117.847
Yxy	71.8864, 0.3153, 0.3345
Android (android.graphics.Color)	4292664792 (0xFFDCDDD8)
YUV	220.1310, -2.0366, -0.1149
Hunter-Lab	84.7859, -5.7065, 6.7148

Details

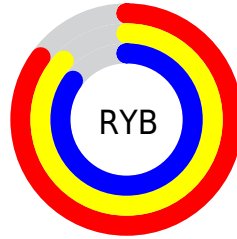
The RGB color **220, 221, 216** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **217, 216, 221**, and the grayscale version is **220, 220, 220**.

A 20% lighter version of the original color is 255, 255, 255, and **165, 166, 161** is the 20% darker color. If you saturate the color by 10%, you get **216, 221, 194**, and if you desaturate by 10%, it is **224, 221, 238**.

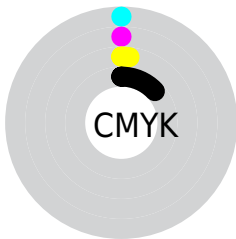
Distribution



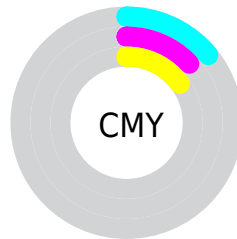
- Red (86%)
- Green (87%)
- Blue (85%)



- Red (85%)
- Yellow (87%)
- Blue (85%)



- Cyan (0%)
- Magenta (0%)
- Yellow (2%)
- Black (13%)



- Cyan (14%)
- Magenta (13%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the RGB color 220, 221, 216 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, 221, 216 by changing the saturation by 10% instead.

■ 220, 221, 216

255, 255, 255

■ 220, 221, 216

■ 192, 193, 188

■ 165, 166, 161

■ 139, 140, 135

■ 113, 114, 110

■ 89, 90, 85

■ 65, 66, 62

■ 43, 44, 40

■ 23, 24, 20

■ 0, 0, 0

 220, 221, 216

 220, 221, 216

 216, 221, 194

 224, 221, 238

 211, 221, 172

 229, 221, 255

 207, 221, 150


 233, 221, 255

 202, 221, 128


 238, 221, 255

 198, 221, 106

 242, 221, 255

 193, 221, 83

 247, 221, 255

 189, 221, 61

 251, 221, 255

 185, 221, 39

 255, 221, 255

 180, 221, 17

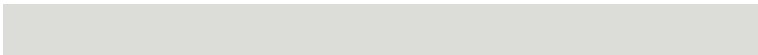
Harmonies

Analogous

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



223, 220, 215



220, 221, 216



217, 222, 218

Triad

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



220, 221, 216



216, 221, 225



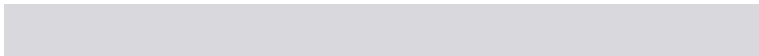
226, 219, 221

Complementary

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



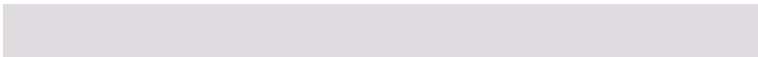
220, 221, 216



217, 216, 221

Split Complementary

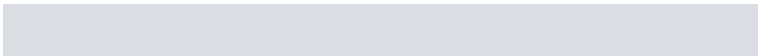
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



224, 219, 223



220, 221, 216



218, 221, 225

Square

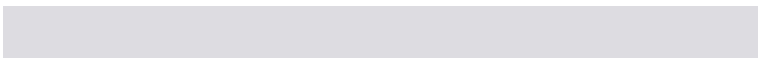
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



220, 221, 216



215, 222, 223



221, 220, 225



226, 219, 218

Rectangle

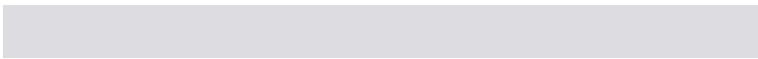
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



220, 221, 216



216, 222, 219



221, 220, 225



225, 219, 222

Sweetspot

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



220, 221, 216



254, 255, 252



221, 217, 216



127, 128, 126



0, 0, 0



128, 128, 128

Same Dimension

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



220, 221, 216



253, 255, 247



218, 221, 216



109, 110, 105



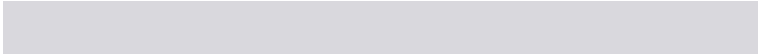
139, 173, 0



37, 46, 0

Inverse Universe

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



217, 216, 221



249, 247, 255



219, 216, 221



106, 105, 110



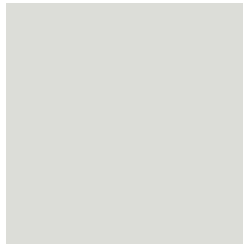
35, 0, 173



9, 0, 46

Previews

White Background



This preview shows how the RGB color 220, 221, 216 looks on a white background.

Color Contrast Check

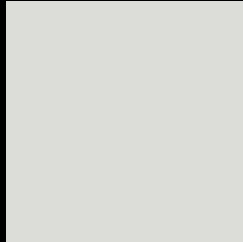
Large Text (above 18pt) WCAG AA × Fail

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, 221, 216 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

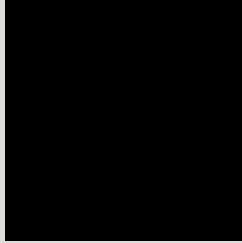
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

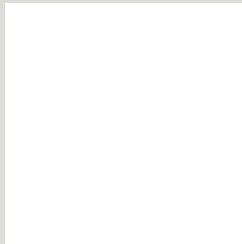
Any Text WCAG AAA ✓ Pass

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

RGB 220, 221, 216 Background



This preview shows how black text looks on a background with the RGB color 220, 221, 216.



This preview shows how white text looks on a background with the RGB color 220, 221, 216.

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](#).

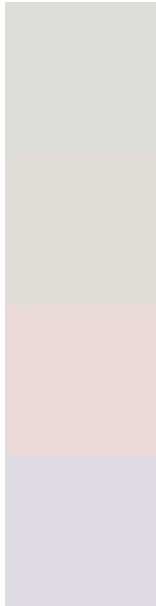
Dichromacy





Tritanopia
223, 218, 235

Trichromacy



Original Color

220, 221, 216

Protanomaly

223, 220, 215

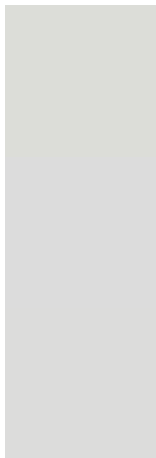
Deuteranomaly

235, 216, 217

Tritanomaly

222, 219, 228

Monochromacy



Original Color

220, 221, 216

Achromatopsia

220, 220, 220

Achromatomaly

220, 220, 219

CSS Examples

Text

The CSS property to change the color of the text to RGB 220, 221, 216 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, 221, 216) looks like.

```
.text, #text, p{  
    color:rgb(220, 221, 216)  
}
```

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, 221, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 221, 216) }
```

Border

The CSS property to change the border of an element to RGB 220, 221, 216 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, 221, 216) }
```

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

```
.border{ border-color:rgb(220, 221, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 221, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 221, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 221, 216);  
box-shadow:4px 4px 4px 4px rgb(220, 221,  
216) }
```

Background

The CSS property to change the background color of an element to RGB 220, 221, 216 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 221, 216) }
```

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

```
.background{ background-color: rgb(220,  
221, 216) }
```

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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