

Converting Colors

RGB(220, 226, 216)

Have a look what the booklet for
RGB(220, 226, 216) contains.

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Color

RGB(220, 226, 216)

Conversions

Conversions Part 1

Format	Color
Hex	DCE2D8
RGB	220, 226, 216
RGB Percent	86%, 89%, 85%
CMY	0.1373, 0.1137, 0.1529
CMYK	0.03, 0.00, 0.04, 0.11
HSL	96°, 15%, 87%
HSV	96°, 4%, 89%
XYZ	69.1062, 74.5662, 75.7162
YIQ	223.0660, -0.3660, -4.3820

Conversions

Conversions Part 2

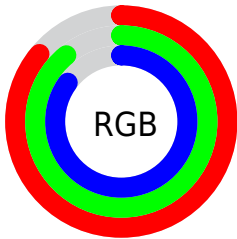
Format	Color
R _Y B	216, 226, 222
Decimal	14475992
CIE Lab	89.19, -3.80, 4.17
CIE LCh	89, 5.642, 132.330
Yxy	74.5662, 0.3150, 0.3399
Android (android.graphics.Color)	4292666072 (0xFFDCE2D8)
YUV	223.0660, -3.4835, -2.6889
Hunter-Lab	86.3517, -8.2642, 8.4587

Details

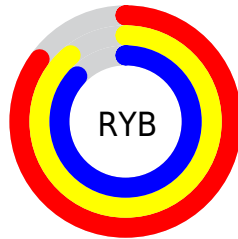
The RGB color **220, 226, 216** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **222, 216, 226**, and the grayscale version is **223, 223, 223**.

A 20% lighter version of the original color is **255, 255, 255**, and **165, 171, 161** is the 20% darker color. If you saturate the color by 10%, you get **206, 226, 193**, and if you desaturate by 10%, it is **234, 226, 239**.

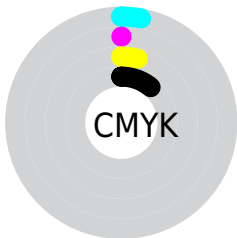
Distribution



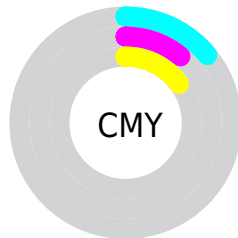
- Red (86%)
- Green (89%)
- Blue (85%)



- Red (85%)
- Yellow (89%)
- Blue (87%)



- Cyan (3%)
- Magenta (0%)
- Yellow (4%)
- Black (11%)



- Cyan (14%)
- Magenta (11%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the RGB color 220, 226, 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, 226, 216 by changing the saturation by 10% instead.

■ 220, 226, 216

255, 255, 255

■ 220, 226, 216

■ 192, 198, 188

■ 165, 171, 161

■ 139, 144, 135

■ 113, 119, 110

■ 89, 94, 85

■ 65, 70, 62

■ 43, 48, 40

■ 23, 27, 20

■ 0, 0, 0

 220, 226, 216

 220, 226, 216

 206, 226, 193

 234, 226, 239

 193, 226, 171

 247, 226, 255

 179, 226, 148


 255, 226, 255

 166, 226, 126

 152, 226, 103

 139, 226, 80

 125, 226, 58

 112, 226, 35

 98, 226, 13

Harmonies

Analogous

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



226, 224, 214



220, 226, 216



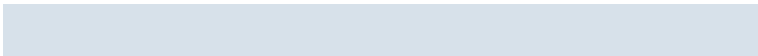
215, 227, 221

Triad

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



220, 226, 216



215, 225, 234



236, 221, 222

Complementary

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



220, 226, 216



222, 216, 226

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.



233, 221, 227



220, 226, 216



221, 224, 234

Square

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



220, 226, 216



212, 227, 231



228, 222, 232



235, 221, 217

Rectangle

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



220, 226, 216



212, 227, 224



228, 222, 232



235, 221, 224

Sweetspot

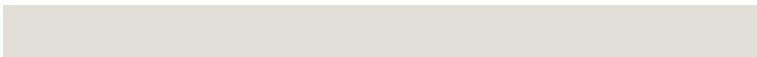
The Sweet Spot groups the original color and five complimentary colors.



220, 226, 216



253, 255, 252



226, 222, 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, 226, 216



247, 255, 242



216, 226, 217



108, 112, 105



70, 176, 0



19, 48, 0

Inverse Universe

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



222, 216, 226



250, 242, 255



226, 216, 225



110, 105, 112



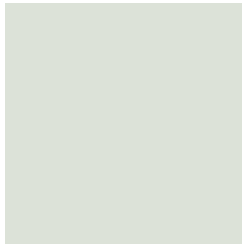
106, 0, 176



29, 0, 48

Previews

White Background



This preview shows how the RGB color 220, 226, 216 looks on a white background.

Color Contrast Check

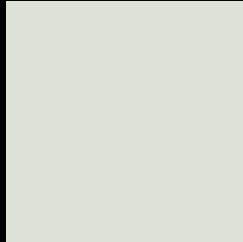
Large Text (above 18pt) WCAG AA × Fail

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, 226, 216 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

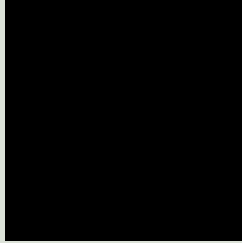
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

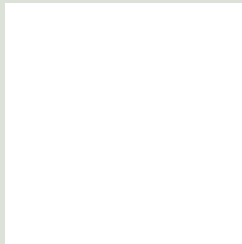
Any Text WCAG AAA ✓ Pass

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

RGB 220, 226, 216 Background



This preview shows how black text looks on a background with the RGB color 220, 226, 216.



This preview shows how white text looks on a background with the RGB color 220, 226, 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

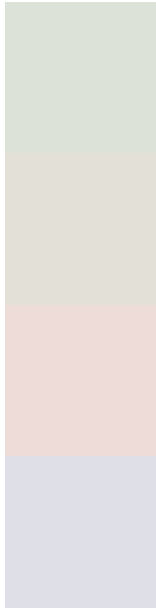




Tritanopia

224, 222, 240

Trichromacy



Original Color

220, 226, 216

Protanomaly

226, 224, 215

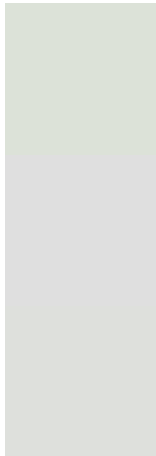
Deuteranomaly

238, 220, 217

Tritanomaly

223, 223, 231

Monochromacy



Original Color

220, 226, 216

Achromatopsia

223, 223, 223

Achromatomaly

222, 224, 220

CSS Examples

Text

The CSS property to change the color of the text to RGB 220, 226, 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, 226, 216)` looks like.

```
.text, #text, p{  
    color:rgb(220, 226, 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, 226, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 226, 216) }
```

Border

The CSS property to change the border of an element to RGB 220, 226, 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, 226, 216) }
```

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

```
.border{ border-color:rgb(220, 226, 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, 226, 216) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 226, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 226, 216);  
box-shadow:4px 4px 4px 4px rgb(220, 226,  
216) }
```

Background

The CSS property to change the background color of an element to RGB 220, 226, 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, 226, 216) }
```

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

```
.background{ background-color: rgb(220,  
226, 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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