

Converting Colors

RGB(221, 227, 163)

Have a look what the booklet for
RGB(221, 227, 163) contains.

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Color

RGB(221, 227, 163)

Conversions

Conversions Part 1

Format	Color
Hex	DDE3A3
RGB	221, 227, 163
RGB Percent	87%, 89%, 64%
CMY	0.1333, 0.1098, 0.3608
CMYK	0.03, 0.00, 0.28, 0.11
HSL	66°, 53%, 76%
HSV	66°, 28%, 89%
XYZ	63.8987, 72.9547, 45.3642
YIQ	217.9100, 16.9680, -21.1760

Conversions

Conversions Part 2

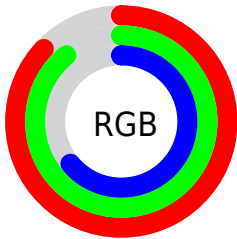
Format	Color
RYB	163, 227, 169
Decimal	14541731
CIELab	88.43, -12.10, 30.67
CIELCh	88, 32.969, 111.529
Yxy	72.9547, 0.3507, 0.4004
Android (android.graphics.Color)	4292731811 (0xFFDDE3A3)
YUV	217.9100, -27.0706, 2.7099
Hunter-Lab	85.4135, -15.9359, 28.2998

Details

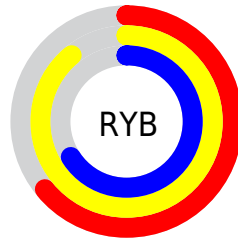
The RGB color **221, 227, 163** is a light color, and the websafe version is hex **C9C999**. A complement of this color would be **169, 163, 227**, and the grayscale version is **218, 218, 218**.

A 20% lighter version of the original color is **255, 255, 218**, and **165, 172, 111** is the 20% darker color. If you saturate the color by 10%, you get **219, 227, 140**, and if you desaturate by 10%, it is **223, 227, 186**.

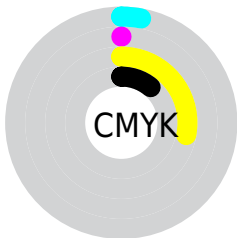
Distribution



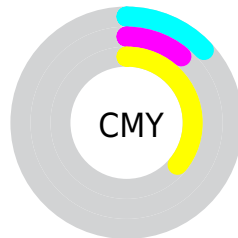
- Red (87%)
- Green (89%)
- Blue (64%)



- Red (64%)
- Yellow (89%)
- Blue (66%)



- Cyan (3%)
- Magenta (0%)
- Yellow (28%)
- Black (11%)




- Cyan (13%)
- Magenta (11%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the RGB color 221, 227, 163 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, 227, 163 by changing the saturation by 10% instead.


 221, 227, 163

255, 255, 255

 255, 255, 218

 255, 255, 247

 221, 227, 163


 193, 199, 136

 165, 172, 111


 138, 145, 86

 112, 120, 62

 87, 95, 39

 63, 71, 15

 41, 49, 0

 15, 28, 0

 0, 0, 0

 221, 227, 163


 221, 227, 163

 219, 227, 140


 223, 227, 186

 217, 227, 118


 225, 227, 208

 215, 227, 95

 227, 227, 231

 212, 227, 72

 230, 227, 254

 210, 227, 49

 232, 227, 255

 208, 227, 27

 234, 227, 255

 206, 227, 4

 236, 227, 255

 206, 227, 0

 238, 227, 255

 240, 227, 255

Harmonies

Analogous

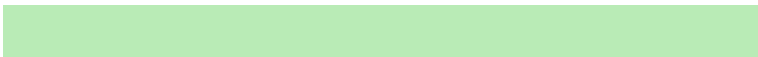
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



253, 217, 160



221, 227, 163



185, 235, 182

Triad

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



221, 227, 163



134, 235, 255



255, 200, 232

Complementary

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



221, 227, 163



169, 163, 227

Split Complementary

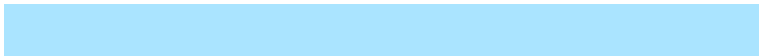
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



254, 206, 255



221, 227, 163



170, 228, 255

Square

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



221, 227, 163



128, 239, 244



215, 217, 255



255, 200, 200

Rectangle

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



221, 227, 163



161, 238, 201



215, 217, 255



255, 201, 243

Sweetspot

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



221, 227, 163



253, 255, 235



227, 168, 163



126, 128, 115



0, 0, 0



128, 128, 128

Same Dimension

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



221, 227, 163



247, 255, 168



190, 227, 163



114, 115, 103



162, 179, 0



46, 51, 0

Inverse Universe

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



169, 163, 227



176, 168, 255



200, 163, 227



104, 103, 115



17, 0, 179



5, 0, 51

Previews

White Background



This preview shows how the RGB color 221, 227, 163 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, 227, 163 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

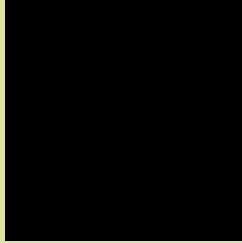
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

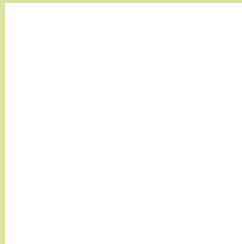
Any Text WCAG AAA ✓ Pass

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

RGB 221, 227, 163 Background



This preview shows how black text looks on a background with the RGB color 221, 227, 163.

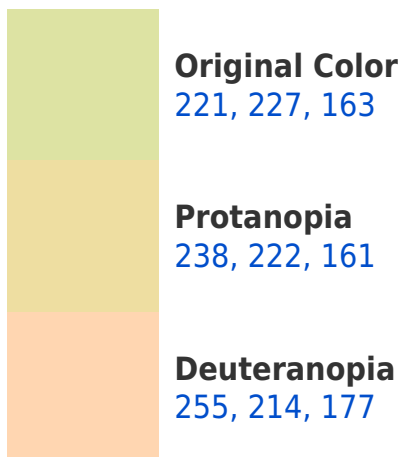


This preview shows how white text looks on a background with the RGB color 221, 227, 163.

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](#).

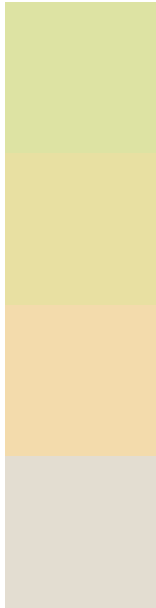
Dichromacy





Tritanopia
230, 218, 235

Trichromacy



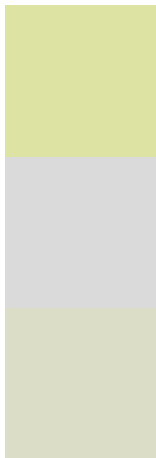
Original Color
221, 227, 163

Protanomaly
232, 224, 162

Deuteranomaly
243, 219, 172

Tritanomaly
227, 221, 209

Monochromacy



Original Color
221, 227, 163

Achromatopsia
218, 218, 218

Achromatomaly
219, 221, 198

CSS Examples

Text

The CSS property to change the color of the text to RGB 221, 227, 163 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, 227, 163)` looks like.

```
.text, #text, p{  
    color:rgb(221, 227, 163)  
}
```

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, 227, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 227, 163) }
```

Border

The CSS property to change the border of an element to RGB 221, 227, 163 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, 227, 163) }
```

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

```
.border{ border-color:rgb(221, 227, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 227, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(221, 227, 163); -webkit-box-shadow:4px 4px 4px 4px rgb(221, 227, 163); box-shadow:4px 4px 4px 4px rgb(221, 227, 163) }
```

Background

The CSS property to change the background color of an element to RGB 221, 227, 163 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 227, 163) }
```

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

```
.background{ background-color: rgb(221,  
227, 163) }
```

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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