

Converting Colors

RGB(203, 219, 129)

Have a look what the booklet for
RGB(203, 219, 129) contains.

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Color

RGB(203, 219, 129)

Conversions

Conversions Part 1

Format	Color
Hex	CBDB81
RGB	203, 219, 129
RGB Percent	80%, 86%, 51%
CMY	0.2039, 0.1412, 0.4941
CMYK	0.07, 0.00, 0.41, 0.14
HSL	71°, 56%, 68%
HSV	71°, 41%, 86%
XYZ	53.9226, 64.9445, 30.4624
YIQ	203.9560, 19.3540, -31.3820

Conversions

Conversions Part 2

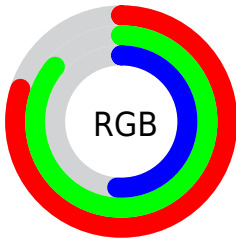
Format	Color
R _Y B	129, 219, 145
Decimal	13360001
CIE Lab	84.46, -19.08, 42.39
CIE LCh	84, 46.487, 114.230
Yxy	64.9445, 0.3611, 0.4349
Android (android.graphics.Color)	4291550081 (0xFFCBDB81)
YUV	203.9560, -36.9533, -0.8384
Hunter-Lab	80.5882, -21.5927, 34.0000

Details

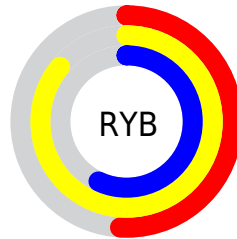
The RGB color **203, 219, 129** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **145, 129, 219**, and the grayscale version is **204, 204, 204**.

A 20% lighter version of the original color is **255, 255, 183**, and **147, 164, 78** is the 20% darker color. If you saturate the color by 10%, you get **199, 219, 107**, and if you desaturate by 10%, it is **207, 219, 151**.

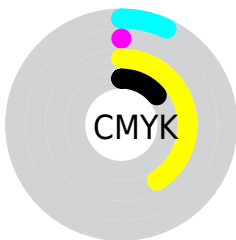
Distribution



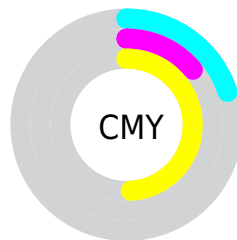
- Red (80%)
- Green (86%)
- Blue (51%)



- Red (51%)
- Yellow (86%)
- Blue (57%)



- Cyan (7%)
- Magenta (0%)
- Yellow (41%)
- Black (14%)



- Cyan (20%)
- Magenta (14%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the RGB color 203, 219, 129 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 203, 219, 129 by changing the saturation by 10% instead.

 203, 219, 129

255, 255, 255

 255, 255, 183


 255, 255, 211

 255, 255, 240

 203, 219, 129

 175, 191, 103

 147, 164, 78

 121, 138, 53

 95, 112, 27

 69, 88, 0

 46, 64, 0

 20, 42, 0

 0, 24, 0


 0, 0, 0

 203, 219, 129


 203, 219, 129

 199, 219, 107

 207, 219, 151

 195, 219, 85

 211, 219, 173

 191, 219, 63

 215, 219, 195

 187, 219, 41

 219, 219, 217

 184, 219, 20

 222, 219, 239

 180, 219, 0

 226, 219, 255

 230, 219, 255

 234, 219, 255

 238, 219, 255

Harmonies

Analogous

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



247, 205, 123



203, 219, 129



152, 229, 158

Triad

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



203, 219, 129



28, 228, 255



255, 177, 221

Complementary

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



203, 219, 129



145, 129, 219

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.



255, 187, 255



203, 219, 129



129, 218, 255

Square

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



203, 219, 129



0, 234, 245



203, 203, 255



255, 178, 177

Rectangle

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



203, 219, 129



112, 232, 185



203, 203, 255



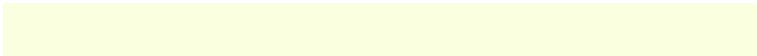
255, 179, 236

Sweetspot

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



203, 219, 129



250, 255, 224



219, 144, 129



124, 128, 110



0, 0, 0



128, 128, 128

Same Dimension

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



203, 219, 129



233, 255, 130



159, 219, 129



108, 110, 99



143, 173, 0



38, 46, 0

Inverse Universe

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



145, 129, 219



152, 130, 255



189, 129, 219



101, 99, 110



31, 0, 173



8, 0, 46

Previews

White Background



This preview shows how the RGB color 203, 219, 129 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 203, 219, 129 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

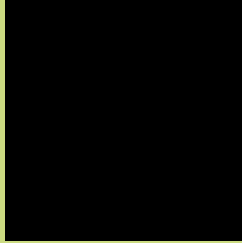
Any Text WCAG AA ✓ Pass

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 203, 219, 129 Background



This preview shows how black text looks on a background with the RGB color 203, 219, 129.



This preview shows how white text looks on a background with the RGB color 203, 219, 129.

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
203, 219, 129

Protanopia
230, 211, 126

Deuteranopia
254, 201, 133



Tritanopia
215, 208, 224

Trichromacy



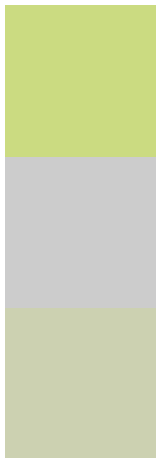
Original Color
203, 219, 129

Protanomaly
220, 214, 127

Deuteranomaly
235, 208, 132

Tritanomaly
211, 212, 189

Monochromacy



Original Color
203, 219, 129

Achromatopsia
204, 204, 204

Achromatomaly
204, 209, 177

CSS Examples

Text

The CSS property to change the color of the text to RGB 203, 219, 129 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(203, 219, 129)` looks like.

```
.text, #text, p{  
    color:rgb(203, 219, 129)  
}
```

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(203, 219, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 219, 129) }
```

Border

The CSS property to change the border of an element to RGB 203, 219, 129 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(203, 219, 129) }
```

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

```
.border{ border-color:rgb(203, 219, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 219, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 219, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 219, 129);  
box-shadow:4px 4px 4px 4px rgb(203, 219,  
129) }
```

Background

The CSS property to change the background color of an element to RGB 203, 219, 129 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 219, 129) }
```

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

```
.background{ background-color: rgb(203,  
219, 129) }
```

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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