

Converting Colors

RGB(210, 253, 152)

Have a look what the booklet for
RGB(210, 253, 152) contains.

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Color

RGB(210, 253, 152)

Conversions

Conversions Part 1

Format	Color
Hex	D2FD98
RGB	210, 253, 152
RGB Percent	82%, 99%, 60%
CMY	0.1765, 0.0078, 0.4039
CMYK	0.17, 0.00, 0.40, 0.01
HSL	86°, 96%, 79%
HSV	86°, 40%, 99%
XYZ	67.3711, 86.2192, 42.7969
YIQ	228.6290, 6.7930, -40.5270

Conversions

Conversions Part 2

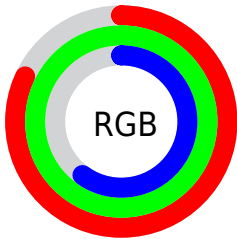
Format	Color
R _{YB}	152, 253, 195
Decimal	13827480
CIE Lab	94.41, -30.08, 43.85
CIE LCh	94, 53.177, 124.447
Yxy	86.2192, 0.3431, 0.4390
Android (android.graphics.Color)	4292017560 (0xFFD2FD98)
YUV	228.6290, -37.7781, -16.3376
Hunter-Lab	92.8543, -32.9830, 37.6710

Details

The RGB color **210, 253, 152** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **195, 152, 253**, and the grayscale version is **229, 229, 229**.

A 20% lighter version of the original color is **255, 255, 207**, and **154, 196, 99** is the 20% darker color. If you saturate the color by 10%, you get **199, 253, 127**, and if you desaturate by 10%, it is **221, 253, 177**.

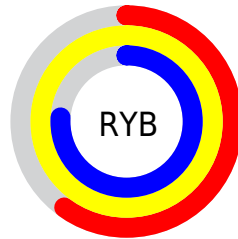
Distribution



Red (82%)

Green (99%)

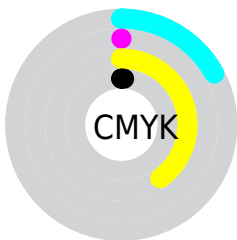
Blue (60%)



Red (60%)

Yellow (99%)

Blue (76%)

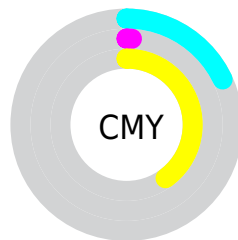


Cyan (17%)

Magenta (0%)

Yellow (40%)

Black (1%)



Cyan (18%)

Magenta (1%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the RGB color 210, 253, 152 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 210, 253, 152 by changing the saturation by 10% instead.

 210, 253, 152

 210, 253, 152

255, 255, 255

 182, 224, 125

 255, 255, 207

 154, 196, 99

 255, 255, 236

 127, 169, 74

 100, 142, 48

 74, 116, 22

 48, 92, 0

 23, 68, 0

 0, 45, 0

 0, 24, 0

■ 210, 253, 152

■ 210, 253, 152

■ 199, 253, 127

■ 221, 253, 177

■ 188, 253, 101

■ 232, 253, 203

■ 178, 253, 76

■ 242, 253, 228

■ 167, 253, 51

■ 253, 253, 253

■ 156, 253, 25

255, 253, 255

■ 145, 253, 0

■ 145, 253, 0

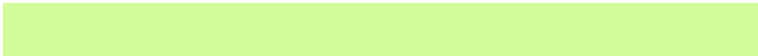
Harmonies

Analogous

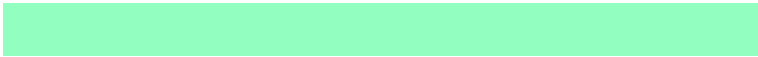
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



255, 238, 135



210, 253, 152



146, 255, 193

Triad

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



210, 253, 152



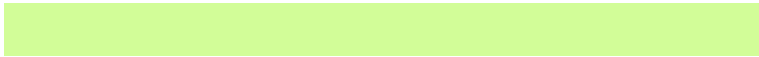
60, 255, 255



255, 198, 233

Complementary

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



210, 253, 152



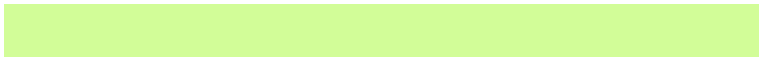
195, 152, 253

Split Complementary

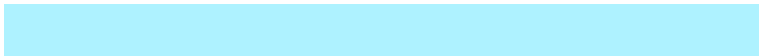
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 205, 255



210, 253, 152



174, 242, 255

Square

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



210, 253, 152



0, 255, 255



254, 223, 255



255, 204, 183

Rectangle

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



210, 253, 152



92, 255, 227



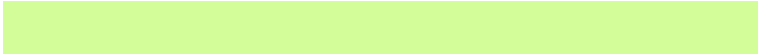
254, 223, 255



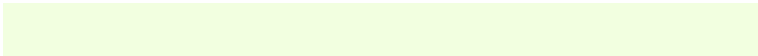
255, 199, 251

Sweetspot

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



210, 253, 152



242, 255, 224



253, 194, 152



120, 128, 110



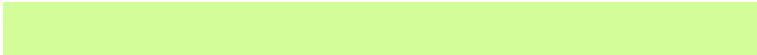
0, 0, 0



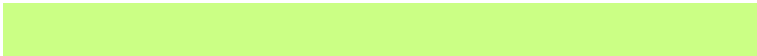
128, 128, 128

Same Dimension

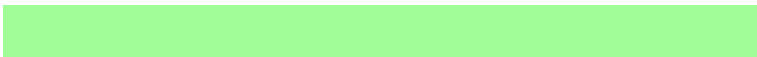
The Same Dimension uses a secret algorithm to generate beautiful new colors.



210, 253, 152



203, 255, 133



160, 253, 152



122, 128, 115



110, 191, 0



37, 64, 0

Inverse Universe

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



195, 152, 253



185, 133, 255



245, 152, 253



120, 115, 128



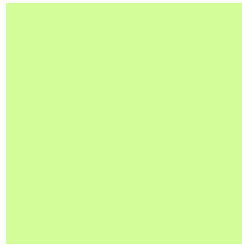
81, 0, 191



27, 0, 64

Previews

White Background



This preview shows how the RGB color 210, 253, 152 looks on a white background.

Color Contrast Check

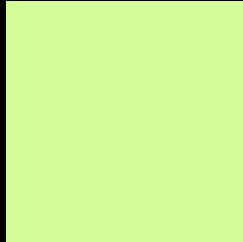
Large Text (above 18pt) WCAG AA × Fail

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 210, 253, 152 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

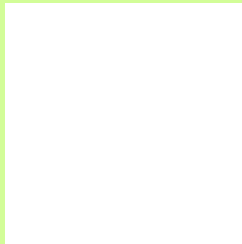
Any Text WCAG AAA ✓ Pass

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

RGB 210, 253, 152 Background



This preview shows how black text looks on a background with the RGB color 210, 253, 152.

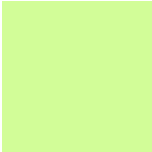
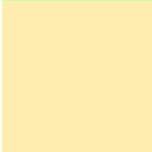
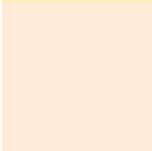


This preview shows how white text looks on a background with the RGB color 210, 253, 152.

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 210, 253, 152
	Protanopia 255, 238, 175
	Deuteranopia 255, 235, 216



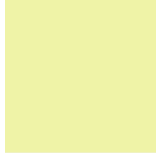
Tritanopia
228, 240, 255

Trichromacy



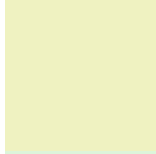
Original Color

210, 253, 152



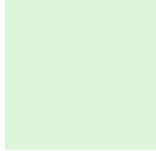
Protanomaly

239, 243, 167



Deuteranomaly

239, 242, 193



Tritanomaly

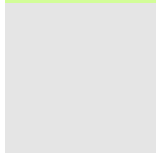
221, 245, 218

Monochromacy



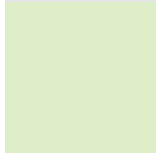
Original Color

210, 253, 152



Achromatopsia

229, 229, 229



Achromatomaly

222, 238, 201

CSS Examples

Text

The CSS property to change the color of the text to RGB 210, 253, 152 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(210, 253, 152)` looks like.

```
.text, #text, p{  
    color:rgb(210, 253, 152)  
}
```

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(210, 253, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 253, 152) }
```

Border

The CSS property to change the border of an element to RGB 210, 253, 152 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(210, 253, 152) }
```

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

```
.border{ border-color:rgb(210, 253, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 253, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 253, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 253, 152);  
box-shadow:4px 4px 4px 4px rgb(210, 253,  
152) }
```

Background

The CSS property to change the background color of an element to RGB 210, 253, 152 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 253, 152) }
```

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

```
.background{ background-color: rgb(210,  
253, 152) }
```

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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