

Converting Colors

RGB(191, 255, 128)

Have a look what the booklet for
RGB(191, 255, 128) contains.

RGB(191, 255, 128)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(191, 255, 128)

Conversions

Conversions Part 1

Format	Color
Hex	BFFF80
RGB	191, 255, 128
RGB Percent	75%, 100%, 50%
CMY	0.2510, 0.0000, 0.4980
CMYK	0.25, 0.00, 0.50, 0.00
HSL	90°, 100%, 75%
HSV	90°, 50%, 100%
XYZ	61.1421, 84.1549, 33.4431
YIQ	221.3860, 2.6230, -53.0650

Conversions

Conversions Part 2

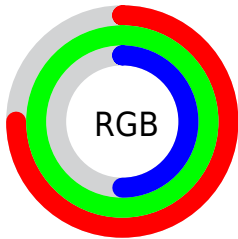
Format	Color
RYB	128, 255, 192
Decimal	12582784
CIELab	93.52, -40.44, 53.88
CIElCh	94, 67.368, 126.887
Yxy	84.1549, 0.3421, 0.4708
Android (android.graphics.Color)	4290772864 (0xFFBFFF80)
YUV	221.3860, -46.0393, -26.6485
Hunter-Lab	91.7360, -41.5675, 42.6005

Details

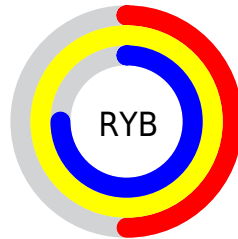
The RGB color **191, 255, 128** is a light color, and the websafe version is hex **CCFF66**. A complement of this color would be **192, 128, 255**, and the grayscale version is **222, 222, 222**.

A 20% lighter version of the original color is **250, 255, 183**, and **134, 198, 75** is the 20% darker color. If you saturate the color by 10%, you get **178, 255, 103**, and if you desaturate by 10%, it is **204, 255, 154**.

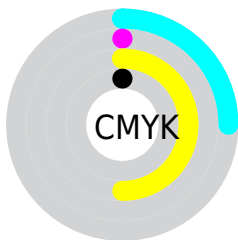
Distribution



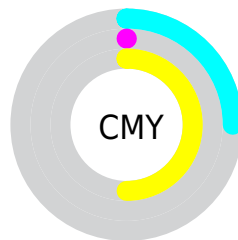
- Red (75%)
- Green (100%)
- Blue (50%)



- Red (50%)
- Yellow (100%)
- Blue (75%)



- Cyan (25%)
- Magenta (0%)
- Yellow (50%)
- Black (0%)



- Cyan (25%)
- Magenta (0%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the RGB color 191, 255, 128 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 191, 255, 128 by changing the saturation by 10% instead.

 191, 255, 128

255, 255, 255

 250, 255, 183

 255, 255, 212

 255, 255, 241


 191, 255, 128


 163, 226, 101

 134, 198, 75

 107, 170, 47

 79, 144, 15

 51, 118, 0

 19, 92, 0

 0, 68, 0

 0, 45, 0

 0, 21, 0

■ 191, 255, 128

■ 191, 255, 128

■ 178, 255, 103

■ 204, 255, 154

■ 165, 255, 77

■ 217, 255, 179

■ 152, 255, 51

■ 230, 255, 205

■ 140, 255, 26

■ 242, 255, 230

■ 127, 255, 0

255, 255, 255

■ 126, 255, 0

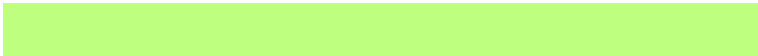
Harmonies

Analogous

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



255, 238, 101



191, 255, 128



95, 255, 183

Triad

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



191, 255, 128



0, 255, 255



255, 180, 224

Complementary

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



191, 255, 128



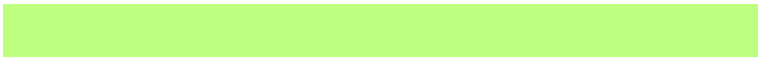
192, 128, 255

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, 190, 255



191, 255, 128



149, 238, 255

Square

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



191, 255, 128



0, 255, 255



255, 213, 255



255, 192, 162

Rectangle

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



191, 255, 128



0, 255, 227



255, 213, 255



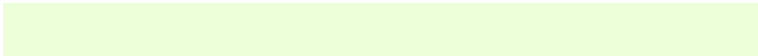
255, 181, 246

Sweetspot

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



191, 255, 128



236, 255, 217



255, 192, 128



116, 128, 105



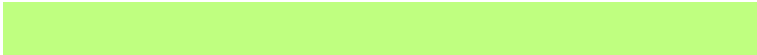
0, 0, 0



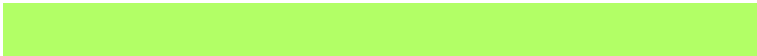
128, 128, 128

Same Dimension

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



191, 255, 128



178, 255, 102



128, 255, 128



121, 128, 115



95, 191, 0



32, 64, 0

Inverse Universe

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



192, 128, 255



179, 102, 255



255, 128, 255



121, 115, 128



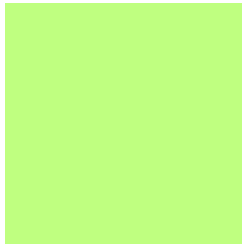
96, 0, 191



32, 0, 64

Previews

White Background



This preview shows how the RGB color 191, 255, 128 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 191, 255, 128 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 191, 255, 128 Background



This preview shows how black text looks on a background with the RGB color 191, 255, 128.

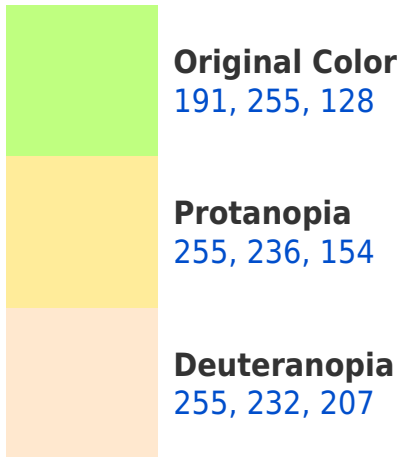


This preview shows how white text looks on a background with the RGB color 191, 255, 128.

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



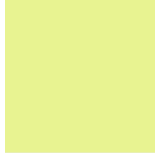


Tritanopia
215, 239, 255

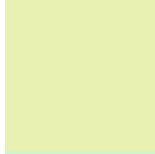
Trichromacy



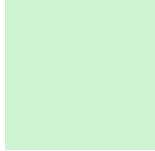
Original Color
191, 255, 128



Protanomaly
232, 243, 145

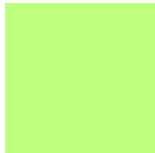


Deuteranomaly
232, 240, 178

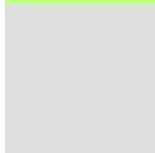


Tritanomaly
206, 245, 209

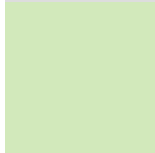
Monochromacy



Original Color
191, 255, 128



Achromatopsia
221, 221, 221



Achromatomaly
210, 233, 187

CSS Examples

Text

The CSS property to change the color of the text to RGB 191, 255, 128 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(191, 255, 128)` looks like.

```
.text, #text, p{  
    color:rgb(191, 255, 128)  
}
```

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(191, 255, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 255, 128) }
```

Border

The CSS property to change the border of an element to RGB 191, 255, 128 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(191, 255, 128) }
```

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

```
.border{ border-color:rgb(191, 255, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 255, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(191, 255, 128); -webkit-box-shadow:4px 4px 4px 4px rgb(191, 255, 128); box-shadow:4px 4px 4px 4px rgb(191, 255, 128) }
```

Background

The CSS property to change the background color of an element to RGB 191, 255, 128 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 255, 128) }
```

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

```
.background{ background-color: rgb(191,  
255, 128) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor