

Converting Colors

RGB(161, 255, 161)

Have a look what the booklet for
RGB(161, 255, 161) contains.

RGB(161, 255, 161)	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(161, 255, 161)

Conversions

Conversions Part 1

Format	Color
Hex	A1FFA1
RGB	161, 255, 161
RGB Percent	63%, 100%, 63%
CMY	0.3686, 0.0000, 0.3686
CMYK	0.37, 0.00, 0.37, 0.00
HSL	120°, 100%, 82%
HSV	120°, 37%, 100%
XYZ	56.8910, 81.6703, 46.4837
YIQ	216.1780, -25.8500, -49.1620

Conversions

Conversions Part 2

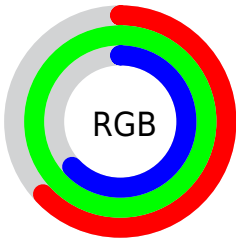
Format	Color
RYB	161, 255, 255
Decimal	10616737
CIELab	92.43, -45.99, 36.35
CIElCh	92, 58.621, 141.676
Yxy	81.6703, 0.3074, 0.4414
Android (android.graphics.Color)	4288806817 (0xFFA1FFA1)
YUV	216.1780, -27.2028, -48.3911
Hunter-Lab	90.3716, -45.7805, 32.7636

Details

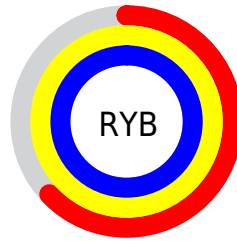
The RGB color **161, 255, 161** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **255, 161, 255**, and the grayscale version is **216, 216, 216**.

A 20% lighter version of the original color is **219, 255, 217**, and **105, 198, 108** is the 20% darker color. If you saturate the color by 10%, you get **135, 255, 135**, and if you desaturate by 10%, it is **187, 255, 187**.

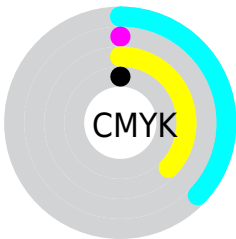
Distribution



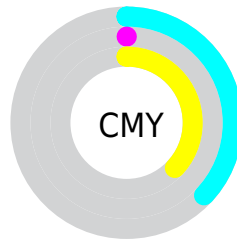
- Red (63%)
- Green (100%)
- Blue (63%)



- Red (63%)
- Yellow (100%)
- Blue (100%)



- Cyan (37%)
- Magenta (0%)
- Yellow (37%)
- Black (0%)




- Cyan (37%)
- Magenta (0%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the RGB color 161, 255, 161 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 161, 255, 161 by changing the saturation by 10% instead.

 161, 255, 161

255, 255, 255


 219, 255, 217

 248, 255, 245


 161, 255, 161

 133, 226, 134

 105, 198, 108

 76, 170, 83

 46, 143, 58

 1, 117, 34


 0, 91, 7

 0, 67, 0

 0, 45, 0

 0, 16, 0

 161, 255, 161

 161, 255, 161

 135, 255, 135

 187, 255, 187

 110, 255, 110

 212, 255, 212

 84, 255, 84

 238, 255, 238

 59, 255, 59

255, 255, 255

 33, 255, 33

 8, 255, 8

 0, 255, 0

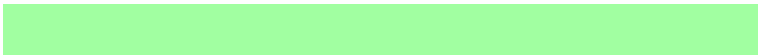
Harmonies

Analogous

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



227, 243, 125



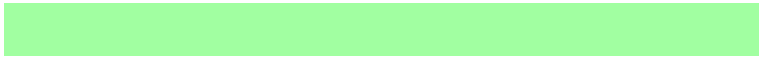
161, 255, 161



63, 255, 215

Triad

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



161, 255, 161



100, 244, 255



255, 189, 195

Complementary

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



161, 255, 161



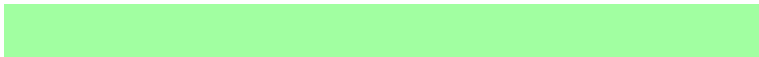
255, 161, 255

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, 188, 251



161, 255, 161



214, 225, 255

Square

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



161, 255, 161



0, 255, 255



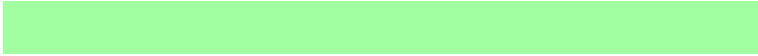
255, 203, 255



255, 204, 147

Rectangle

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



161, 255, 161



0, 255, 254



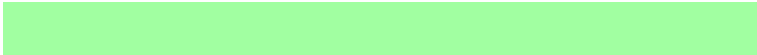
255, 203, 255



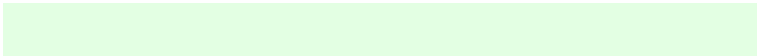
255, 187, 213

Sweetspot

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



161, 255, 161



227, 255, 227



255, 255, 161



111, 128, 111



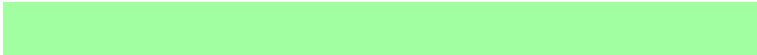
0, 0, 0



128, 128, 128

Same Dimension

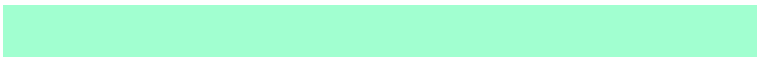
The Same Dimension uses a secret algorithm to generate beautiful new colors.



161, 255, 161



143, 255, 143



161, 255, 208



115, 128, 115



0, 191, 0



0, 64, 0

Inverse Universe

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



255, 161, 255



255, 143, 255



255, 161, 208



128, 115, 128



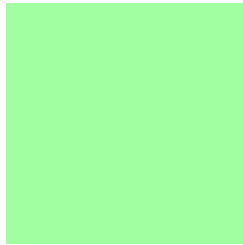
191, 0, 191



64, 0, 64

Previews

White Background



This preview shows how the RGB color 161, 255, 161 looks on a white background.

Color Contrast Check

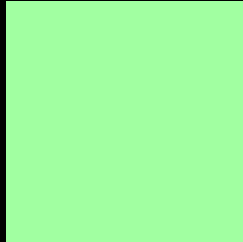
Large Text (above 18pt) WCAG AA × Fail

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 161, 255, 161 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

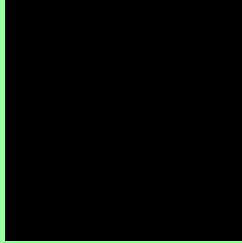
Any Text WCAG AA ✓ Pass

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 161, 255, 161 Background



This preview shows how black text looks on a background with the RGB color 161, 255, 161.

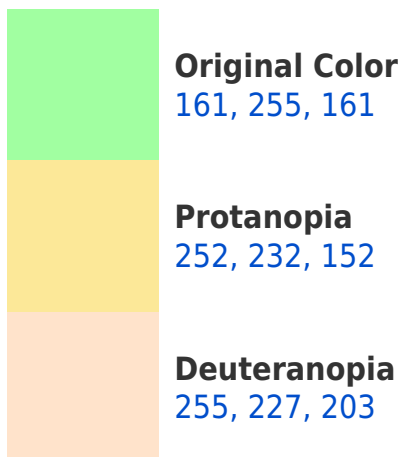


This preview shows how white text looks on a background with the RGB color 161, 255, 161.

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



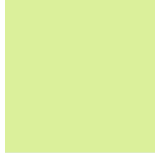


Tritanopia
195, 240, 255

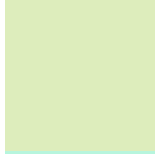
Trichromacy



Original Color
161, 255, 161



Protanomaly
219, 240, 155

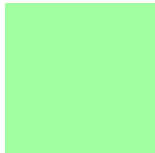


Deuteranomaly
221, 237, 188

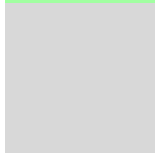


Tritanomaly
183, 245, 221

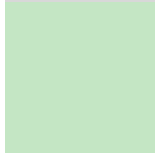
Monochromacy



Original Color
161, 255, 161



Achromatopsia
216, 216, 216



Achromatomaly
196, 230, 196

CSS Examples

Text

The CSS property to change the color of the text to RGB 161, 255, 161 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(161, 255, 161)` looks like.

```
.text, #text, p{  
    color:rgb(161, 255, 161)  
}
```

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(161, 255, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 255, 161) }
```

Border

The CSS property to change the border of an element to RGB 161, 255, 161 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(161, 255, 161) }
```

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

```
.border{ border-color:rgb(161, 255, 161) }
```

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

Here you see how a box with a 4 pixel rgb(161, 255, 161) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 255, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 255, 161);  
box-shadow:4px 4px 4px 4px rgb(161, 255,  
161) }
```

Background

The CSS property to change the background color of an element to RGB 161, 255, 161 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 255, 161) }
```

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

```
.background{ background-color: rgb(161,  
255, 161) }
```

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