

Converting Colors

RGB(162, 225, 151)

Have a look what the booklet for
RGB(162, 225, 151) contains.

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Color

RGB(162, 225, 151)

Conversions

Conversions Part 1

Format	Color
Hex	A2E197
RGB	162, 225, 151
RGB Percent	64%, 88%, 59%
CMY	0.3647, 0.1176, 0.4078
CMYK	0.28, 0.00, 0.33, 0.12
HSL	111°, 55%, 74%
HSV	111°, 33%, 88%
XYZ	47.4114, 63.7662, 39.0874
YIQ	197.7270, -13.7940, -36.3700

Conversions

Conversions Part 2

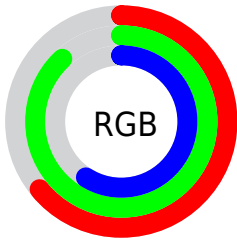
Format	Color
RYB	151, 225, 214
Decimal	10674583
CIELab	83.84, -33.82, 30.00
CIElCh	84, 45.213, 138.426
Yxy	63.7662, 0.3155, 0.4244
Android (android.graphics.Color)	4288864663 (0xFFA2E197)
YUV	197.7270, -23.0364, -31.3326
Hunter-Lab	79.8537, -33.7635, 26.8759

Details

The RGB color **162, 225, 151** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **214, 151, 225**, and the grayscale version is **198, 198, 198**.

A 20% lighter version of the original color is **218, 255, 206**, and **108, 169, 99** is the 20% darker color. If you saturate the color by 10%, you get **143, 225, 129**, and if you desaturate by 10%, it is **181, 225, 173**.

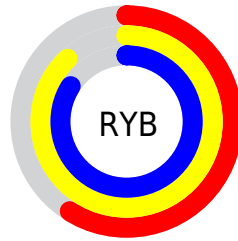
Distribution



Red (64%)

Green (88%)

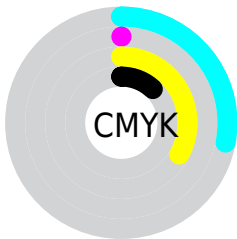
Blue (59%)



Red (59%)

Yellow (88%)

Blue (84%)

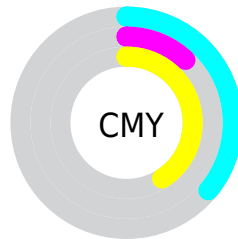


Cyan (28%)

Magenta (0%)

Yellow (33%)

Black (12%)



Cyan (36%)

Magenta (12%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the RGB color 162, 225, 151 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 162, 225, 151 by changing the saturation by 10% instead.

 162, 225, 151


255, 255, 255


 218, 255, 206

 247, 255, 234

 162, 225, 151

 135, 197, 125

 108, 169, 99

 82, 143, 75

 56, 117, 51

 29, 92, 28

 0, 68, 3

 0, 45, 0


 0, 22, 0

 0, 0, 0

 162, 225, 151


 162, 225, 151

 143, 225, 129

 181, 225, 173

 124, 225, 106

 200, 225, 196

 105, 225, 84

 219, 225, 219


 85, 225, 61

 239, 225, 241

 66, 225, 39

 255, 225, 255

 47, 225, 16

 33, 225, 0

Harmonies

Analogous

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



211, 215, 127



162, 225, 151



106, 231, 191

Triad

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



162, 225, 151



116, 218, 255



255, 177, 184

Complementary

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



162, 225, 151



214, 151, 225

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, 177, 227



162, 225, 151



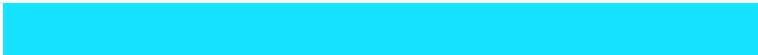
189, 204, 255

Square

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



162, 225, 151



22, 228, 255



246, 189, 255



255, 186, 147

Rectangle

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



162, 225, 151



60, 232, 220



246, 189, 255



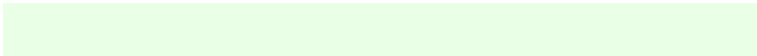
255, 176, 198

Sweetspot

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



162, 225, 151



233, 255, 230



225, 214, 151



114, 128, 112



0, 0, 0



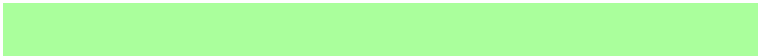
128, 128, 128

Same Dimension

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



162, 225, 151



170, 255, 156



151, 225, 177



103, 112, 101



26, 176, 0



7, 48, 0

Inverse Universe

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



214, 151, 225



240, 156, 255



225, 151, 199



111, 101, 112



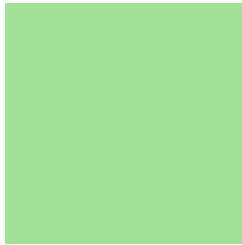
150, 0, 176



41, 0, 48

Previews

White Background



This preview shows how the RGB color 162, 225, 151 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 162, 225, 151 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

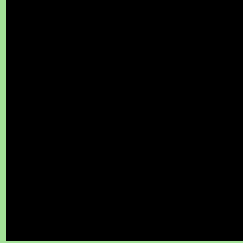
Any Text WCAG AA ✓ Pass

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 162, 225, 151 Background



This preview shows how black text looks on a background with the RGB color 162, 225, 151.

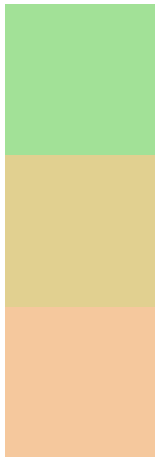


This preview shows how white text looks on a background with the RGB color 162, 225, 151.

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
162, 225, 151

Protanopia
225, 208, 144

Deuteranopia
245, 200, 157



Tritanopia
176, 215, 232

Trichromacy



Original Color

162, 225, 151



Protanomaly

202, 214, 147



Deuteranomaly

215, 209, 155



Tritanomaly

171, 219, 203

Monochromacy



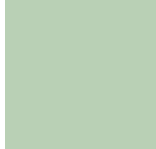
Original Color

162, 225, 151



Achromatopsia

198, 198, 198



Achromatomaly

185, 208, 181

CSS Examples

Text

The CSS property to change the color of the text to RGB 162, 225, 151 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(162, 225, 151)` looks like.

```
.text, #text, p{  
    color:rgb(162, 225, 151)  
}
```

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(162, 225, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 225, 151) }
```

Border

The CSS property to change the border of an element to RGB 162, 225, 151 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(162, 225, 151) }
```

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

```
.border{ border-color:rgb(162, 225, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 225, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 225, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 225, 151);  
box-shadow:4px 4px 4px 4px rgb(162, 225,  
151) }
```

Background

The CSS property to change the background color of an element to RGB 162, 225, 151 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 225, 151) }
```

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

```
.background{ background-color: rgb(162,  
225, 151) }
```

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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