

Converting Colors

RGB(166, 241, 150)

Have a look what the booklet for
RGB(166, 241, 150) contains.

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Color

RGB(166, 241, 150)

Conversions

Conversions Part 1

Format	Color
Hex	A6F196
RGB	166, 241, 150
RGB Percent	65%, 95%, 59%
CMY	0.3490, 0.0549, 0.4118
CMYK	0.31, 0.00, 0.38, 0.05
HSL	109°, 76%, 77%
HSV	109°, 38%, 95%
XYZ	52.6862, 73.2196, 40.2101
YIQ	208.2010, -15.4890, -44.2010

Conversions

Conversions Part 2

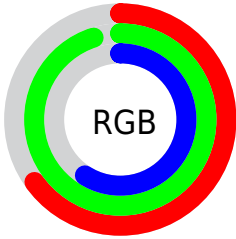
Format	Color
RYB	150, 241, 225
Decimal	10940822
CIELab	88.55, -39.93, 36.77
CIElCh	89, 54.281, 137.355
Yxy	73.2196, 0.3172, 0.4408
Android (android.graphics.Color)	4289130902 (0xFFA6F196)
YUV	208.2010, -28.6931, -37.0103
Hunter-Lab	85.5684, -39.8388, 32.0365

Details

The RGB color **166, 241, 150** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **225, 150, 241**, and the grayscale version is **208, 208, 208**.

A 20% lighter version of the original color is **223, 255, 205**, and **111, 184, 98** is the 20% darker color. If you saturate the color by 10%, you get **146, 241, 126**, and if you desaturate by 10%, it is **186, 241, 174**.

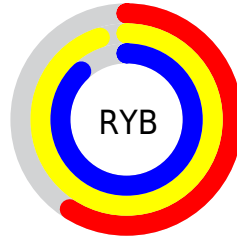
Distribution



Red (65%)

Green (95%)

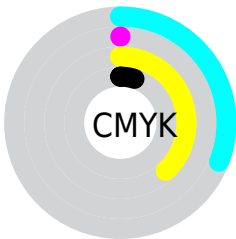
Blue (59%)



Red (59%)

Yellow (95%)

Blue (88%)

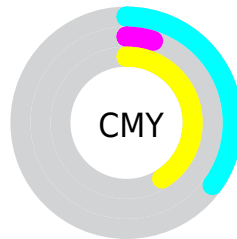


Cyan (31%)

Magenta (0%)

Yellow (38%)

Black (5%)



Cyan (35%)

Magenta (5%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the RGB color 166, 241, 150 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 166, 241, 150 by changing the saturation by 10% instead.

 166, 241, 150


255, 255, 255


 223, 255, 205


 252, 255, 233


 166, 241, 150

 138, 212, 124

 111, 184, 98

 84, 157, 73

 57, 131, 48

 27, 105, 24

 0, 80, 0

 0, 56, 0

 0, 36, 0

 0, 0, 0

 166, 241, 150


 166, 241, 150

 146, 241, 126

 186, 241, 174

 126, 241, 102

 206, 241, 198

 106, 241, 78


 226, 241, 222


 87, 241, 54

 245, 241, 246

 67, 241, 29

 255, 241, 255

 47, 241, 5

 42, 241, 0

Harmonies

Analogous

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



225, 229, 121



166, 241, 150



89, 248, 198

Triad

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



166, 241, 150



87, 234, 255



255, 181, 194

Complementary

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



166, 241, 150



225, 150, 241

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, 183, 246



166, 241, 150



193, 217, 255

Square

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



166, 241, 150



0, 245, 255



255, 197, 255



255, 193, 148

Rectangle

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



166, 241, 150



0, 249, 234



255, 197, 255



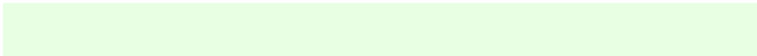
255, 180, 211

Sweetspot

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



166, 241, 150



232, 255, 227



241, 224, 150



114, 128, 111



0, 0, 0



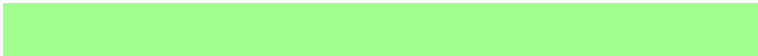
128, 128, 128

Same Dimension

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



166, 241, 150



160, 255, 140



150, 241, 179



110, 120, 108



32, 184, 0



10, 56, 0

Inverse Universe

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



225, 150, 241



235, 140, 255



241, 150, 212



118, 108, 120



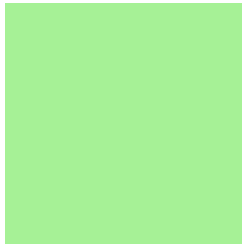
151, 0, 184



46, 0, 56

Previews

White Background



This preview shows how the RGB color 166, 241, 150 looks on a white background.

Color Contrast Check

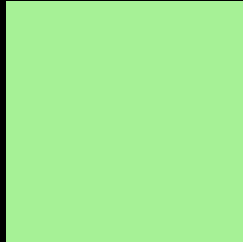
Large Text (above 18pt) WCAG AA × Fail

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 166, 241, 150 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

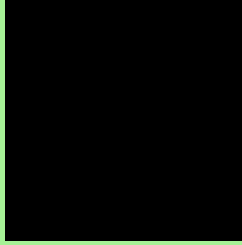
Any Text WCAG AA ✓ Pass

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 166, 241, 150 Background



This preview shows how black text looks on a background with the RGB color 166, 241, 150.

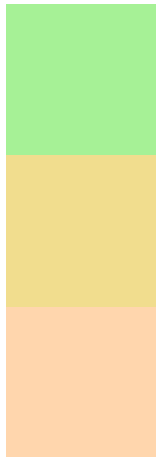


This preview shows how white text looks on a background with the RGB color 166, 241, 150.

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
166, 241, 150

Protanopia
241, 221, 142

Deuteranopia
255, 214, 173



Tritanopia
183, 229, 248

Trichromacy



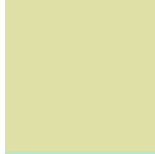
Original Color

166, 241, 150



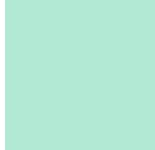
Protanomaly

214, 228, 145



Deuteranomaly

223, 224, 165



Tritanomaly

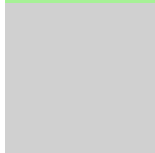
177, 233, 212

Monochromacy



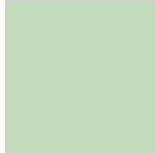
Original Color

166, 241, 150



Achromatopsia

208, 208, 208



Achromatomaly

193, 220, 187

CSS Examples

Text

The CSS property to change the color of the text to RGB 166, 241, 150 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(166, 241, 150)` looks like.

```
.text, #text, p{  
    color:rgb(166, 241, 150)  
}
```

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(166, 241, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 241, 150) }
```

Border

The CSS property to change the border of an element to RGB 166, 241, 150 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(166, 241, 150) }
```

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

```
.border{ border-color:rgb(166, 241, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 241, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 241, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 241, 150);  
box-shadow:4px 4px 4px 4px rgb(166, 241,  
150) }
```

Background

The CSS property to change the background color of an element to RGB 166, 241, 150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 241, 150) }
```

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

```
.background{ background-color: rgb(166,  
241, 150) }
```

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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