

Converting Colors

RGB(0, 235, 140)

Have a look what the booklet for
RGB(0, 235, 140) contains.

RGB(0, 235, 140)	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(0, 235, 140)

Conversions

Conversions Part 1

Format	Color
Hex	00EB8C
RGB	0, 235, 140
RGB Percent	0%, 92%, 55%
CMY	1.0000, 0.0784, 0.4510
CMYK	1.00, 0.00, 0.40, 0.08
HSL	156°, 100%, 46%
HSV	156°, 100%, 92%
XYZ	34.4420, 61.3101, 34.8297
YIQ	153.9050, -109.5650, -79.3650

Conversions

Conversions Part 2

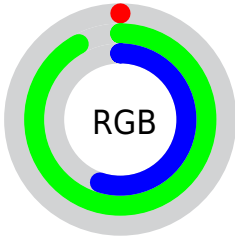
Format	Color
RYB	0, 147, 235
Decimal	60300
CIELab	82.55, -68.30, 33.12
CIELCh	83, 75.905, 154.126
Yxy	61.3101, 0.2638, 0.4695
Android (android.graphics.Color)	4278250380 (0xFF00EB8C)
YUV	153.9050, -6.8552, -134.9747
Hunter-Lab	78.3008, -58.5100, 28.4372

Details

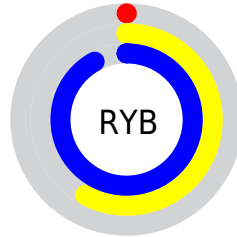
The RGB color **0, 235, 140** is a dark color, and the websafe version is hex **33FF99**. The color can be described as dark washed spring green. A complement of this color would be **235, 0, 95**, and the grayscale version is **154, 154, 154**.

A 20% lighter version of the original color is **110, 255, 194**, and **0, 178, 89** is the 20% darker color. If you saturate the color by 10%, you get **0, 235, 140**, and if you desaturate by 10%, it is **23, 235, 149**.

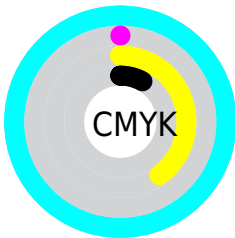
Distribution



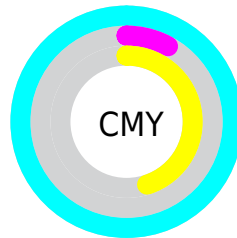
- Red (0%)
- Green (92%)
- Blue (55%)



- Red (0%)
- Yellow (58%)
- Blue (92%)



- Cyan (100%)
- Magenta (0%)
- Yellow (40%)
- Black (8%)








- Cyan (100%)
- Magenta (8%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the RGB color 0, 235, 140 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 0, 235, 140 by changing the saturation by 10% instead.

 0, 235, 140	 0, 235, 140
 255, 255, 255	 0, 206, 114
 110, 255, 194	 0, 178, 89
 144, 255, 223	 0, 150, 64
 176, 255, 251	 0, 123, 40
 208, 255, 255	 0, 96, 15
 240, 255, 255	 0, 71, 0
	 0, 47, 0
	 0, 16, 0
	 0, 0, 0

 0, 235, 140

 23, 235, 149

 47, 235, 159

 71, 235, 169

 94, 235, 178

 118, 235, 187

 141, 235, 197

 164, 235, 206

 188, 235, 216

 211, 235, 226

Harmonies

Analogous

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



160, 224, 77



0, 235, 140



0, 239, 213

Triad

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



0, 235, 140



32, 210, 255



255, 151, 129

Complementary

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



0, 235, 140



235, 0, 95

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, 137, 198



0, 235, 140



220, 182, 255

Square

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



0, 235, 140



0, 229, 255



255, 152, 255



255, 179, 73

Rectangle

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



0, 235, 140



0, 239, 255



255, 152, 255



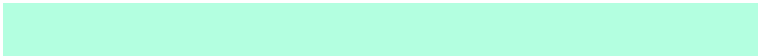
255, 144, 151

Sweetspot

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



0, 235, 140



179, 255, 224



98, 235, 0



82, 128, 109



0, 0, 0



128, 128, 128

Same Dimension

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



0, 235, 140



0, 255, 152



0, 215, 235



106, 117, 113



0, 181, 108



0, 54, 32

Inverse Universe

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



235, 0, 95



255, 0, 103



235, 20, 0



117, 106, 110



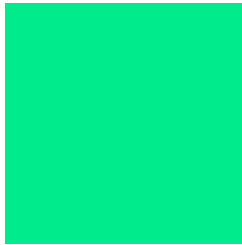
181, 0, 73



54, 0, 22

Previews

White Background



This preview shows how the RGB color 0, 235, 140 looks on a white background.

Color Contrast Check

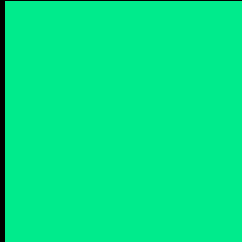
Large Text (above 18pt) WCAG AA × Fail

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 0, 235, 140 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 0, 235, 140 Background



This preview shows how black text looks on a background with the RGB color 0, 235, 140.

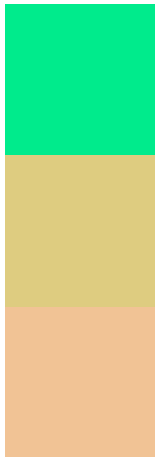


This preview shows how white text looks on a background with the RGB color 0, 235, 140.

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](#).

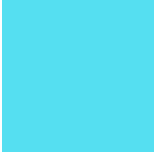
Dichromacy



Original Color
0, 235, 140

Protanopia
222, 204, 128

Deuteranopia
241, 195, 149



Tritanopia
85, 223, 241

Trichromacy



Original Color

0, 235, 140



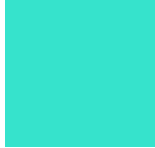
Protanomaly

141, 215, 132



Deuteranomaly

153, 210, 146



Tritanomaly

54, 227, 204

Monochromacy



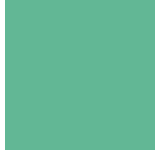
Original Color

0, 235, 140



Achromatopsia

154, 154, 154



Achromatomaly

98, 183, 149

CSS Examples

Text

The CSS property to change the color of the text to RGB 0, 235, 140 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(0, 235, 140)` looks like.

```
.text, #text, p{  
    color:rgb(0, 235, 140)  
}
```

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(0, 235, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 235, 140) }
```

Border

The CSS property to change the border of an element to RGB 0, 235, 140 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(0, 235, 140) }
```

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

```
.border{ border-color:rgb(0, 235, 140) }
```

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

Here you see how a box with a 4 pixel rgb(0, 235, 140) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 235, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 235, 140);  
box-shadow:4px 4px 4px 4px rgb(0, 235,  
140) }
```

Background

The CSS property to change the background color of an element to RGB 0, 235, 140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 235, 140) }
```

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

```
.background{ background-color: rgb(0, 235,  
140) }
```

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