

Converting Colors

RGB(0, 255, 163)

Have a look what the booklet for
RGB(0, 255, 163) contains.

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Color

RGB(0, 255, 163)

Conversions

Conversions Part 1

Format	Color
Hex	00FFA3
RGB	0, 255, 163
RGB Percent	0%, 100%, 64%
CMY	1.0000, 0.0000, 0.3608
CMYK	1.00, 0.00, 0.36, 0.00
HSL	158°, 100%, 50%
HSV	158°, 100%, 100%
XYZ	42.3709, 74.1643, 46.7323
YIQ	168.2670, -122.4480, -82.6720

Conversions

Conversions Part 2

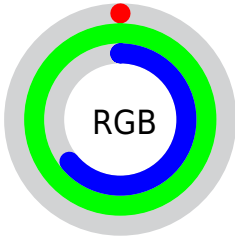
Format	Color
RYB	0, 156, 255
Decimal	65443
CIELab	89.00, -70.63, 30.17
CIELCh	89, 76.805, 156.869
Yxy	74.1643, 0.2595, 0.4543
Android (android.graphics.Color)	4278255523 (0xFF00FFA3)
YUV	168.2670, -2.5966, -147.5702
Hunter-Lab	86.1187, -62.8848, 28.1094

Details

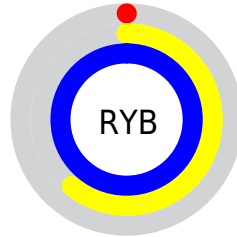
The RGB color **0, 255, 163** is a dark color, and the websafe version is hex **00FF99**. The color can be described as middle saturated spring green. A complement of this color would be **255, 0, 92**, and the grayscale version is **168, 168, 168**.

A 20% lighter version of the original color is **115, 255, 218**, and **0, 197, 111** is the 20% darker color. If you saturate the color by 10%, you get **0, 255, 163**, and if you desaturate by 10%, it is **25, 255, 172**.

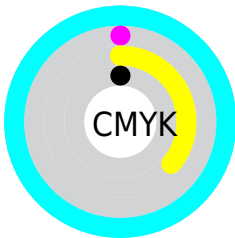
Distribution



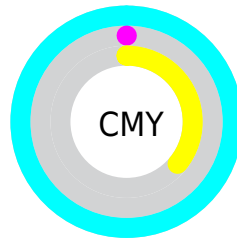
- Red (0%)
- Green (100%)
- Blue (64%)



- Red (0%)
- Yellow (61%)
- Blue (100%)



- Cyan (100%)
- Magenta (0%)
- Yellow (36%)
- Black (0%)




















- Cyan (100%)
- Magenta (0%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the RGB color 0, 255, 163 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, 255, 163 by changing the saturation by 10% instead.

 0, 255, 163	 0, 255, 163
 255, 255, 255	 0, 226, 136
 115, 255, 218	 0, 197, 111
 150, 255, 247	 0, 168, 85
 183, 255, 255	 0, 141, 61
 216, 255, 255	 0, 114, 38
 248, 255, 255	 0, 87, 14
	 0, 62, 0
	 0, 37, 0
	 0, 0, 0

 0, 255, 163

 25, 255, 172

 51, 255, 181

 77, 255, 191

 102, 255, 200

 128, 255, 209

 153, 255, 218

 179, 255, 227

 204, 255, 237

 230, 255, 246

Harmonies

Analogous

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



169, 244, 98



0, 255, 163



0, 255, 239

Triad

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



0, 255, 163



101, 226, 255



255, 170, 139

Complementary

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



0, 255, 163



255, 0, 92

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, 156, 210



0, 255, 163



249, 197, 255

Square

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



0, 255, 163



0, 247, 255



255, 168, 255



255, 199, 85

Rectangle

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



0, 255, 163



0, 255, 255



255, 168, 255



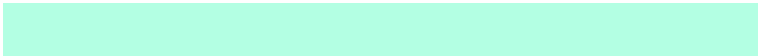
255, 163, 162

Sweetspot

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



0, 255, 163



179, 255, 227



94, 255, 0



82, 128, 111



0, 0, 0



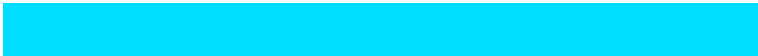
128, 128, 128

Same Dimension

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



0, 255, 163



0, 221, 255



115, 128, 123



0, 191, 122



0, 64, 41

Inverse Universe

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



255, 0, 92



255, 34, 0



128, 115, 119



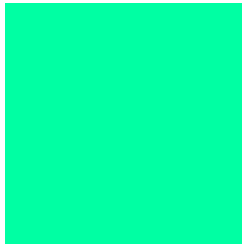
191, 0, 69



64, 0, 23

Previews

White Background



This preview shows how the RGB color 0, 255, 163 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, 255, 163 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

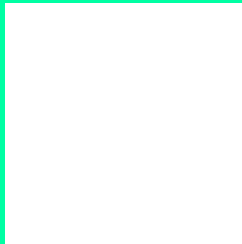
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 0, 255, 163 Background



This preview shows how black text looks on a background with the RGB color 0, 255, 163.



This preview shows how white text looks on a background with the RGB color 0, 255, 163.

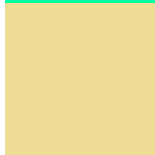
Color Blindness Simulation

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, 255, 163



Protanopia
240, 221, 149



Deuteranopia
255, 214, 179



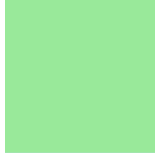
Tritanopia
130, 239, 255

Trichromacy



Original Color

0, 255, 163



Protanomaly

153, 233, 154



Deuteranomaly

162, 229, 173



Tritanomaly

83, 245, 222

Monochromacy



Original Color

0, 255, 163



Achromatopsia

168, 168, 168



Achromatomaly

107, 200, 166

CSS Examples

Text

The CSS property to change the color of the text to RGB 0, 255, 163 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, 255, 163)` looks like.

```
.text, #text, p{  
    color:rgb(0, 255, 163)  
}
```

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, 255, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 255, 163) }
```

Border

The CSS property to change the border of an element to RGB 0, 255, 163 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, 255, 163) }
```

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

```
.border{ border-color:rgb(0, 255, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 255, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 255, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 255, 163);  
box-shadow:4px 4px 4px 4px rgb(0, 255,  
163) }
```

Background

The CSS property to change the background color of an element to RGB 0, 255, 163 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 255, 163) }
```

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

```
.background{ background-color: rgb(0, 255,  
163) }
```

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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