

Converting Colors

RGB(0, 254, 168)

Have a look what the booklet for
RGB(0, 254, 168) contains.

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Color

RGB(0, 254, 168)

Conversions

Conversions Part 1

Format	Color
Hex	00FEA8
RGB	0, 254, 168
RGB Percent	0%, 100%, 66%
CMY	1.0000, 0.0039, 0.3412
CMYK	1.00, 0.00, 0.34, 0.00
HSL	160°, 100%, 50%
HSV	160°, 100%, 100%
XYZ	42.5097, 73.7108, 49.0329
YIQ	168.2500, -123.7780, -80.5940

Conversions

Conversions Part 2

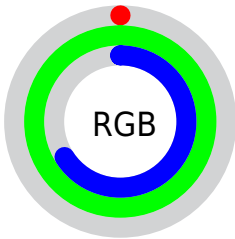
Format	Color
RYB	0, 153, 254
Decimal	65192
CIELab	88.79, -69.29, 27.37
CIELCh	89, 74.498, 158.449
Yxy	73.7108, 0.2572, 0.4460
Android (android.graphics.Color)	4278255272 (0xFF00FEA8)
YUV	168.2500, -0.1232, -147.5553
Hunter-Lab	85.8550, -61.8648, 26.2372

Details

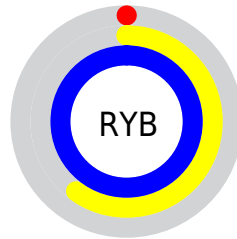
The RGB color **0, 254, 168** is a dark color, and the websafe version is hex **33FF99**. The color can be described as middle saturated spring green. A complement of this color would be **254, 0, 86**, and the grayscale version is **168, 168, 168**.

A 20% lighter version of the original color is **115, 255, 224**, and **0, 196, 115** is the 20% darker color. If you saturate the color by 10%, you get **0, 254, 168**, and if you desaturate by 10%, it is **25, 254, 177**.

Distribution



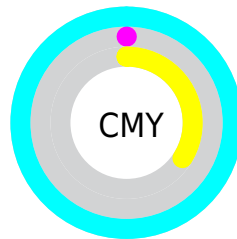
- Red (0%)
- Green (100%)
- Blue (66%)



- Red (0%)
- Yellow (60%)
- Blue (100%)



- Cyan (100%)
- Magenta (0%)
- Yellow (34%)
- Black (0%)




















- Cyan (100%)
- Magenta (0%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the RGB color 0, 254, 168 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, 254, 168 by changing the saturation by 10% instead.

 0, 254, 168	 0, 254, 168
 255, 255, 255	 0, 225, 141
 115, 255, 224	 0, 196, 115
 150, 255, 252	 0, 168, 90
 183, 255, 255	 0, 140, 66
 215, 255, 255	 0, 113, 43
 247, 255, 255	 0, 87, 20
	 0, 62, 0
	 0, 37, 0
	 0, 0, 0

 0, 254, 168

 25, 254, 177

 51, 254, 185

 76, 254, 194

 102, 254, 202

 127, 254, 211

 152, 254, 220

 178, 254, 228

 203, 254, 237

 229, 254, 245

Harmonies

Analogous

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



166, 244, 105



0, 254, 168



0, 255, 242

Triad

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



0, 254, 168



121, 224, 255



255, 173, 138

Complementary

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



0, 254, 168



254, 0, 86

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, 158, 206



0, 254, 168



253, 196, 255

Square

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



0, 254, 168



0, 244, 255



255, 168, 255



255, 200, 87

Rectangle

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



0, 254, 168



0, 255, 255



255, 168, 255



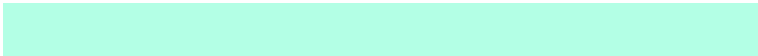
255, 166, 159

Sweetspot

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



0, 254, 168



179, 255, 229



89, 254, 0



82, 128, 112



0, 0, 0



128, 128, 128

Same Dimension

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



0, 254, 168



0, 255, 169



0, 216, 254



115, 128, 123



0, 191, 126



0, 64, 42

Inverse Universe

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



254, 0, 86



255, 0, 86



254, 38, 0



128, 115, 119



191, 0, 65



64, 0, 22

Previews

White Background



This preview shows how the RGB color 0, 254, 168 looks on a white background.

Color Contrast Check

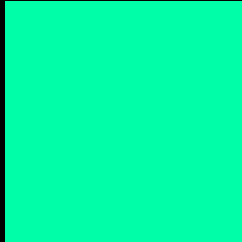
Large Text (above 18pt) WCAG AA × Fail

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, 254, 168 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

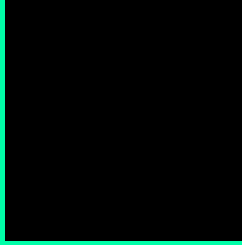
Any Text WCAG AA ✓ Pass

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, 254, 168 Background



This preview shows how black text looks on a background with the RGB color 0, 254, 168.



This preview shows how white text looks on a background with the RGB color 0, 254, 168.

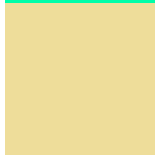
Color Blindness Simulation

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](#).

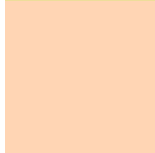
Dichromacy



Original Color
0, 254, 168



Protanopia
238, 221, 154



Deuteranopia
255, 213, 180



Tritanopia
126, 239, 255

Trichromacy



Original Color

0, 254, 168



Protanomaly

151, 233, 159



Deuteranomaly

162, 228, 176



Tritanomaly

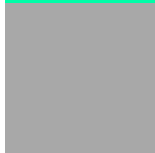
80, 244, 223

Monochromacy



Original Color

0, 254, 168



Achromatopsia

168, 168, 168



Achromatomaly

107, 199, 168

CSS Examples

Text

The CSS property to change the color of the text to RGB 0, 254, 168 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, 254, 168)` looks like.

```
.text, #text, p{  
    color:rgb(0, 254, 168)  
}
```

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, 254, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 254, 168) }
```

Border

The CSS property to change the border of an element to RGB 0, 254, 168 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, 254, 168) }
```

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

```
.border{ border-color:rgb(0, 254, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 254, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 254, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 254, 168);  
box-shadow:4px 4px 4px 4px rgb(0, 254,  
168) }
```

Background

The CSS property to change the background color of an element to RGB 0, 254, 168 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 254, 168) }
```

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

```
.background{ background-color: rgb(0, 254,  
168) }
```

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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