

Converting Colors

RGB(16, 239, 124)

Have a look what the booklet for
RGB(16, 239, 124) contains.

RGB(16, 239, 124)	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(16, 239, 124)

Conversions

Conversions Part 1

Format	Color
Hex	10EF7C
RGB	16, 239, 124
RGB Percent	6%, 94%, 49%
CMY	0.9373, 0.0627, 0.5137
CMYK	0.93, 0.00, 0.48, 0.06
HSL	149°, 87%, 50%
HSV	149°, 93%, 94%
XYZ	34.7183, 63.2984, 29.4568
YIQ	159.2130, -95.9930, -83.0410

Conversions

Conversions Part 2

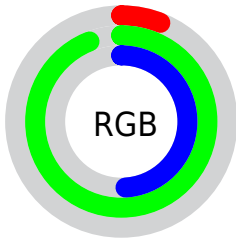
Format	Color
RYB	16, 166, 239
Decimal	1109884
CIELab	83.60, -71.89, 42.37
CIELCh	84, 83.446, 149.485
Yxy	63.2984, 0.2724, 0.4966
Android (android.graphics.Color)	4279299964 (0xFF10EF7C)
YUV	159.2130, -17.3600, -125.5978
Hunter-Lab	79.5603, -61.3372, 33.7404

Details

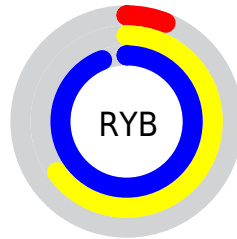
The RGB color **16, 239, 124** is a dark color, and the websafe version is hex **00FF99**. The color can be described as dark washed spring green. A complement of this color would be **239, 16, 131**, and the grayscale version is **159, 159, 159**.

A 20% lighter version of the original color is **114, 255, 178**, and **0, 181, 72** is the 20% darker color. If you saturate the color by 10%, you get **0, 239, 116**, and if you desaturate by 10%, it is **40, 239, 136**.

Distribution



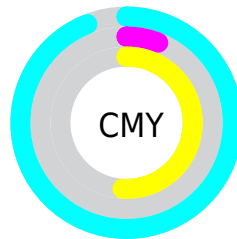
- Red (6%)
- Green (94%)
- Blue (49%)



- Red (6%)
- Yellow (65%)
- Blue (94%)



- Cyan (93%)
- Magenta (0%)
- Yellow (48%)
- Black (6%)






- Cyan (94%)
- Magenta (6%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the RGB color 16, 239, 124 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 16, 239, 124 by changing the saturation by 10% instead.

 16, 239, 124	 16, 239, 124
 255, 255, 255	 0, 210, 98
 114, 255, 178	 0, 181, 72
 148, 255, 206	 0, 153, 47
 180, 255, 235	 0, 126, 19
 212, 255, 255	 0, 99, 0
 244, 255, 255	 0, 74, 0
	 0, 49, 0
	 0, 21, 0
	 0, 0, 0

■ 16, 239, 124

■ 16, 239, 124

■ 0, 239, 116

■ 40, 239, 136

■ 64, 239, 149

■ 88, 239, 161

■ 112, 239, 173

■ 135, 239, 186

■ 159, 239, 198

■ 183, 239, 210

■ 207, 239, 223

■ 231, 239, 235

Harmonies

Analogous

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



170, 226, 53



16, 239, 124



0, 245, 205

Triad

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



16, 239, 124



0, 218, 255



255, 141, 136

Complementary

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



16, 239, 124



239, 16, 131

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, 130, 213



16, 239, 124



204, 188, 255

Square

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



16, 239, 124



0, 236, 255



255, 152, 255



255, 173, 68

Rectangle

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



16, 239, 124



0, 245, 255



255, 152, 255



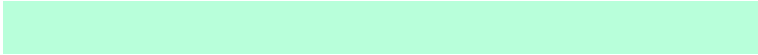
255, 134, 161

Sweetspot

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



16, 239, 124



184, 255, 218



131, 239, 16



84, 128, 105



0, 0, 0



128, 128, 128

Same Dimension

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



16, 239, 124



0, 255, 123



16, 239, 235



108, 120, 114



0, 184, 89



0, 56, 27

Inverse Universe

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



239, 16, 131



255, 0, 132



239, 16, 20



120, 108, 114



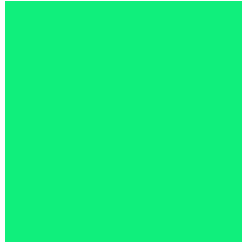
184, 0, 95



56, 0, 29

Previews

White Background



This preview shows how the RGB color 16, 239, 124 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 16, 239, 124 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

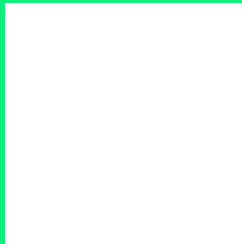
Any Text WCAG AAA ✓ Pass

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

RGB 16, 239, 124 Background



This preview shows how black text looks on a background with the RGB color 16, 239, 124.

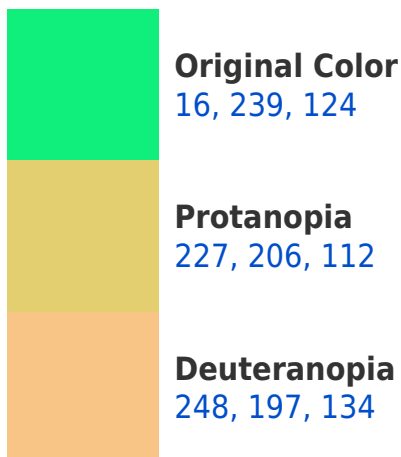


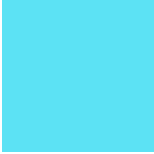
This preview shows how white text looks on a background with the RGB color 16, 239, 124.

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





Tritanopia
92, 226, 244

Trichromacy



Original Color

16, 239, 124



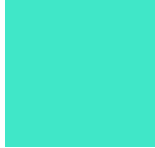
Protanomaly

150, 218, 116



Deuteranomaly

164, 212, 130



Tritanomaly

64, 231, 200

Monochromacy



Original Color

16, 239, 124



Achromatopsia

159, 159, 159



Achromatomaly

107, 188, 146

CSS Examples

Text

The CSS property to change the color of the text to RGB 16, 239, 124 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(16, 239, 124)` looks like.

```
.text, #text, p{  
    color:rgb(16, 239, 124)  
}
```

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(16, 239, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(16, 239, 124) }
```

Border

The CSS property to change the border of an element to RGB 16, 239, 124 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(16, 239, 124) }
```

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

```
.border{ border-color:rgb(16, 239, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(16, 239, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(16, 239, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(16, 239, 124);  
box-shadow:4px 4px 4px 4px rgb(16, 239,  
124) }
```

Background

The CSS property to change the background color of an element to RGB 16, 239, 124 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(16, 239, 124) }
```

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

```
.background{ background-color: rgb(16, 239,  
124) }
```

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