

# Converting Colors

Hex(14B81E)

Have a look what the booklet for  
Hex(14B81E) contains.

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**Color**

**Hex(14B81E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	14B81E
RGB	20, 184, 30
RGB Percent	8%, 72%, 12%
CMY	0.9216, 0.2784, 0.8824
CMYK	0.89, 0.00, 0.84, 0.28
HSL	124°, 80%, 40%
HSV	124°, 89%, 72%
XYZ	17.6633, 34.5234, 6.9610
YIQ	117.4080, -48.3100, -82.6620

# Conversions

## Conversions Part 2

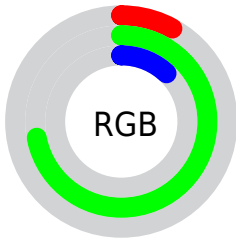
Format	Color
<a href="#">RYB</a>	<a href="#">20, 175, 184</a>
Decimal	<a href="#">1357854</a>
CIELab	<a href="#">65.38, -65.43, 60.33</a>
CIELCh	<a href="#">65, 88.999, 137.320</a>
Yxy	<a href="#">34.5234, 0.2986, 0.5837</a>
Android (android.graphics.Color)	<a href="#">4279547934 (0xFF14B81E)</a>
YUV	<a href="#">117.4080, -43.0921, -85.4268</a>
Hunter-Lab	<a href="#">58.7567, -49.1638, 34.1054</a>

# Details

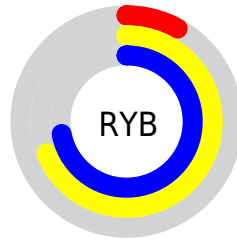
The Hex color **14B81E** is a dark color, and the websafe version is hex **33CC33**. A complement of this color would be **B814AE**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **67F15A**, and **008100** is the 20% darker color. If you saturate the color by 10%, you get **02B80D**, and if you desaturate by 10%, it is **26B82F**.

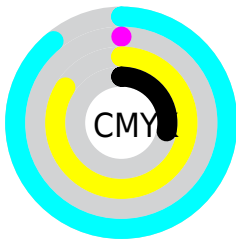
# Distribution



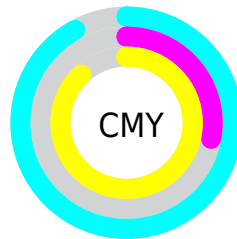
- Red (8%)
- Green (72%)
- Blue (12%)



- Red (8%)
- Yellow (69%)
- Blue (72%)



- Cyan (89%)
- Magenta (0%)
- Yellow (84%)
- Black (28%)



- Cyan (92%)
- Magenta (28%)
- Yellow (88%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 14B81E 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 Hex color 14B81E by changing the saturation by 10% instead.



 14B81E

 14B81E

FFFFFF

 009C00

 67F15A

 008100

 87FF75

 006700

 A5FF91

 004D00

 C4FFAD

 003600

 E2FFC9

 001B00

 FFFFE6

 000000

 14B81E

 14B81E

 02B80D

 26B82F

 00B80B

 39B841

 4BB852

 5EB863

 70B874

 82B886

 95B897

 A7B8A8

 BAB8BA

# Harmonies

## Analogous

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



94A900



14B81E



00BF79

# Triad

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



14B81E



00B2FF



FF3D75

# Complementary

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



14B81E



B814AE

# 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.



FF41C4



14B81E



2399FF

# Square

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



14B81E



00BEFF



DA70FF



FF6826

# Rectangle

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



14B81E



00C1B1



DA70FF



FF368F



# Sweetspot

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



14B81E



AFF0B3



B0B814



517854



F7F7F7



787878



# Same Dimension

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



14B81E



00F00F



14B86E



535C53



009C09



001C02



# Inverse Universe

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



B814AE



F000E1



B8145E



5C535B



9C0092

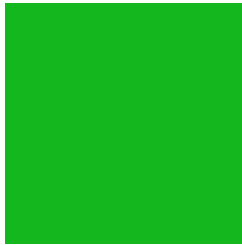


1C001A



# Previews

## White Background



This preview shows how the Hex color 14B81E looks on a white background.

## Color Contrast Check

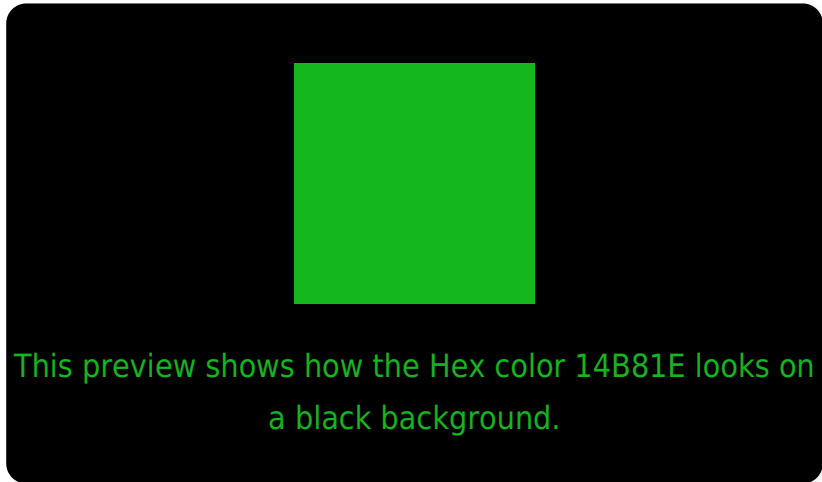
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## 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](#).



## Hex 14B81E Background



This preview shows how black text looks on a background with the Hex color 14B81E.

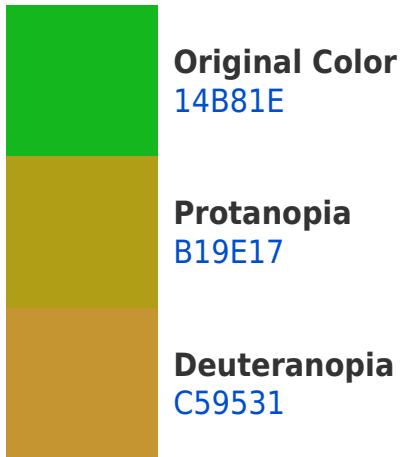


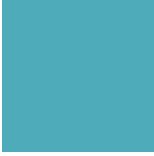
This preview shows how white text looks on a background with the Hex color 14B81E.

# 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**  
4EABB9

# Trichromacy



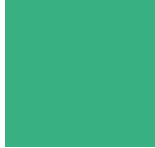
**Original Color**  
14B81E



**Protanomaly**  
78A71A



**Deuteranomaly**  
85A22A



**Tritanomaly**  
39B081

# Monochromacy



**Original Color**  
14B81E



**Achromatopsia**  
757575



**Achromatomaly**  
528D55

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 14B81E 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 #14B81E looks like.

```
.text, #text, p{  
    color:#14B81E  
}
```

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 #14B81E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #14B81E
}
```

## Border

The CSS property to change the border of an element to Hex 14B81E 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
#14B81E }
```

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

```
.border{ border-color:#14B81E }
```

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

Here you see how a box with a 4 pixel #14B81E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #14B81E; -webkit-box-shadow:4px 4px  
4px 4px #14B81E; box-shadow:4px 4px 4px  
4px #14B81E }
```

# Background

The CSS property to change the background color of an element to Hex 14B81E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#14B81E }
```

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

```
.background{ background-color:#14B81E }
```

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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