

Converting Colors

Hex(14A843)

Have a look what the booklet for
Hex(14A843) contains.

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Color

Hex(14A843)

Conversions

Conversions Part 1

Format	Color
Hex	14A843
RGB	20, 168, 67
RGB Percent	8%, 66%, 26%
CMY	0.9216, 0.3412, 0.7373
CMYK	0.88, 0.00, 0.60, 0.34
HSL	139°, 79%, 37%
HSV	139°, 88%, 66%
XYZ	15.3042, 28.5592, 10.0161
YIQ	112.2340, -55.7870, -62.7870

Conversions

Conversions Part 2

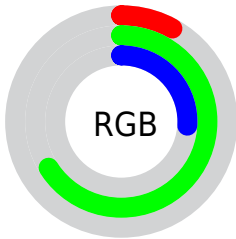
Format	Color
R_{YB}	20, 132, 168
Decimal	1353795
CIE _{Lab}	60.39, -57.25, 41.42
CIE _{LCh}	60, 70.668, 144.114
Yxy	28.5592, 0.2840, 0.5301
Android (android.graphics.Color)	4279543875 (0xFF14A843)
YUV	112.2340, -22.3004, -80.8892
Hunter-Lab	53.4408, -42.4031, 26.2963

Details

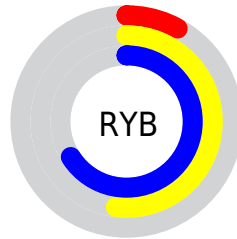
The Hex color **14A843** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **A81479**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **61E076**, and **00720E** is the 20% darker color. If you saturate the color by 10%, you get **03A838**, and if you desaturate by 10%, it is **25A84E**.

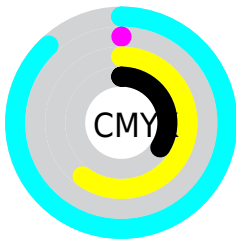
Distribution



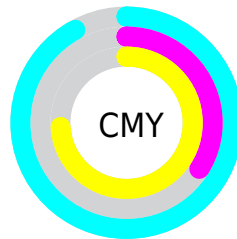
- Red (8%)
- Green (66%)
- Blue (26%)



- Red (8%)
- Yellow (52%)
- Blue (66%)



- Cyan (88%)
- Magenta (0%)
- Yellow (60%)
- Black (34%)



- Cyan (92%)
- Magenta (34%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color 14A843 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 14A843 by changing the saturation by 10% instead.

 14A843

 14A843

FFFFFF

 008D2A

 61E076

 00720E

 7FFE91

 005900

 9DFFAC

 004000

 BAFFC8

 002900

 D8FFE4

 000300

 F7FFFF

 000000

 14A843

 14A843

 03A838

 25A84E

■ 00A835

■ 36A85A

■ 46A865

■ 57A871

■ 68A87C

■ 79A888

■ 8AA893

■ 9AA89F

■ ABA8AA

Harmonies

Analogous

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



7E9D00



14A843



00AD83

Triad

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



14A843



009DFF



FE5663

Complementary

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



14A843



A81479

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.



F950A1



14A843



7686FF

Square

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



14A843



00A9F6



D068DC



E6702A

Rectangle

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



14A843



00AEAE



D068DC



FF5077

Sweetspot

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



14A843



A2DDB4



79A814



4C6E56



EDEDED



6E6E6E

Same Dimension

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



14A843



00DB46



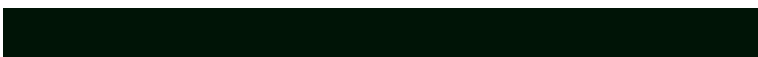
14A88D



4C544E



00942F



001406

Inverse Universe

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



A81479



DB0096



A8142F



544C51



940065



14000E

Previews

White Background



This preview shows how the Hex color 14A843 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 14A843 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 × Fail

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

Hex 14A843 Background



This preview shows how black text looks on a background with the Hex color 14A843.

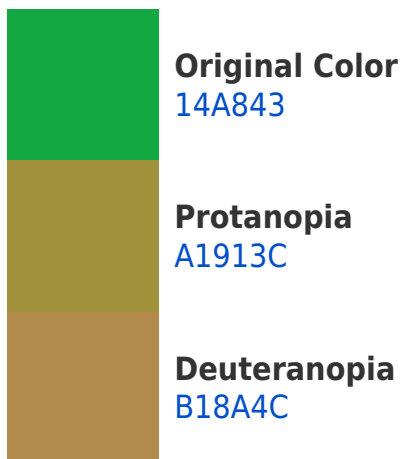


This preview shows how white text looks on a background with the Hex color 14A843.

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



Trichromacy



Original Color
14A843



Protanomaly
6E993F



Deuteranomaly
789549



Tritanomaly
33A285

Monochromacy



Original Color
14A843



Achromatopsia
707070



Achromatomaly
4F8460

CSS Examples

Text

The CSS property to change the color of the text to Hex 14A843 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 #14A843 looks like.

```
.text, #text, p{  
    color:#14A843  
}
```

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 #14A843 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #14A843
}
```

Border

The CSS property to change the border of an element to Hex 14A843 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
#14A843 }
```

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

```
.border{ border-color:#14A843 }
```

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

Here you see how a box with a 4 pixel #14A843 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #14A843; -webkit-box-shadow:4px 4px  
4px 4px #14A843; box-shadow:4px 4px 4px  
4px #14A843 }
```

Background

The CSS property to change the background color of an element to Hex 14A843 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#14A843 }
```

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

```
.background{ background-color:#14A843 }
```

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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