

Converting Colors

Hex(14A631)

Have a look what the booklet for
Hex(14A631) contains.

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Color

Hex(14A631)

Conversions

Conversions Part 1

Format	Color
Hex	14A631
RGB	20, 166, 49
RGB Percent	8%, 65%, 19%
CMY	0.9216, 0.3490, 0.8078
CMYK	0.88, 0.00, 0.70, 0.35
HSL	132°, 78%, 36%
HSV	132°, 88%, 65%
XYZ	14.4791, 27.6429, 7.4782
YIQ	109.0080, -49.4590, -67.3390

Conversions

Conversions Part 2

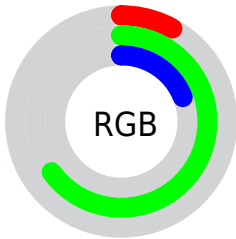
Format	Color
R_{YB}	20, 142, 166
Decimal	1353265
CIE Lab	59.56, -58.67, 48.38
CIE LCh	60, 76.047, 140.493
Yxy	27.6429, 0.2919, 0.5573
Android (android.graphics.Color)	4279543345 (0xFF14A631)
YUV	109.0080, -29.5839, -78.0600
Hunter-Lab	52.5765, -42.8517, 28.3705

Details

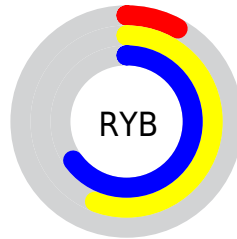
The Hex color **14A631** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **A61489**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **61DE65**, and **007000** is the 20% darker color. If you saturate the color by 10%, you get **03A624**, and if you desaturate by 10%, it is **25A63E**.

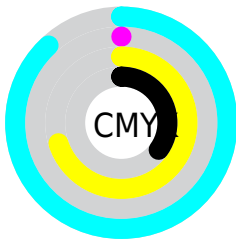
Distribution



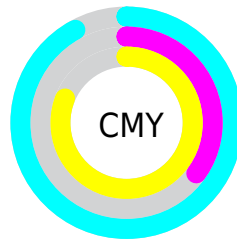
- Red (8%)
- Green (65%)
- Blue (19%)



- Red (8%)
- Yellow (56%)
- Blue (65%)



- Cyan (88%)
- Magenta (0%)
- Yellow (70%)
- Black (35%)



- Cyan (92%)
- Magenta (35%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 14A631 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 14A631 by changing the saturation by 10% instead.

 14A631

 14A631

FFFFFF

 008B14

 61DE65

 007000

 7FFB80

 005700

 9DFF9B

 003E00

 BBFFB7

 002700

 D9FFD3

 000000

 F7FFF0

 14A631

 14A631

 03A624

 25A63E

■ 00A621

■ 35A64C

■ 46A659

■ 56A666

■ 67A674

■ 78A681

■ 88A68E

■ 99A69B

■ A9A6A9

Harmonies

Analogous

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



819A00



14A631



00AC77

Triad

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



14A631



009EFF



FF4865

Complementary

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



14A631



A61489

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.



FB46A8



14A631



5887FF

Square

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



14A631



00AAF6



CA66E6



EC6725

Rectangle

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



14A631



00ADA6



CA66E6



FF427B

Sweetspot

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



14A631



A0D9AC



8BA614



4C6E52



EDEDED



6E6E6E

Same Dimension

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



14A631



00D92B



14A678



4C544D



00941D



001404

Inverse Universe

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



A61489



D900AE



A61442



544C52



940077



140010

Previews

White Background



This preview shows how the Hex color 14A631 looks on a white background.

Color Contrast Check

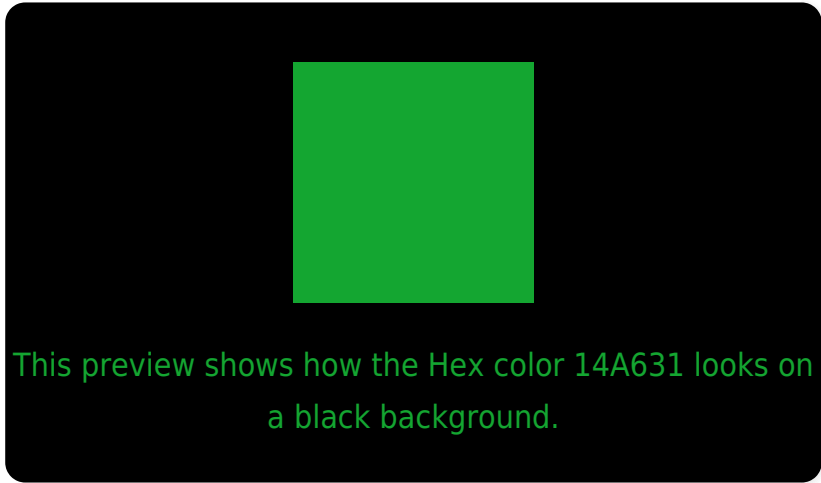
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

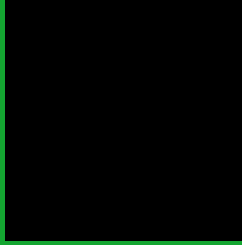
Any Text WCAG AA ✓ Pass

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 14A631 Background



This preview shows how black text looks on a background with the Hex color 14A631.



This preview shows how white text looks on a background with the Hex color 14A631.

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
14A631

Protanopia
A08F2B

Deuteranopia
B1873C



Tritanopia
469BA8

Trichromacy



Original Color
14A631



Protanomaly
6D972D



Deuteranomaly
789238



Tritanomaly
349F7D

Monochromacy



Original Color
14A631



Achromatopsia
6D6D6D



Achromatomaly
4D8257

CSS Examples

Text

The CSS property to change the color of the text to Hex 14A631 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 #14A631 looks like.

```
.text, #text, p{  
    color:#14A631  
}
```

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 #14A631 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #14A631
}
```

Border

The CSS property to change the border of an element to Hex 14A631 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".

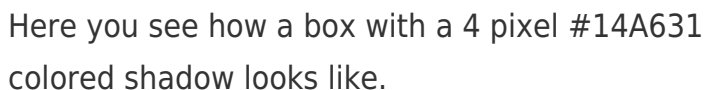
```
.border, #border, table{ border:4px solid
#14A631 }
```

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

```
.border{ border-color:#14A631 }
```

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

Here you see how a box with a 4 pixel #14A631 colored shadow looks like.

A rectangular box with a thick green border and a green shadow. The shadow is cast to the right and bottom of the box, matching the border color.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #14A631; -webkit-box-shadow:4px 4px  
4px 4px #14A631; box-shadow:4px 4px 4px  
4px #14A631 }
```

Background

The CSS property to change the background color of an element to Hex 14A631 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#14A631 }
```

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

```
.background{ background-color:#14A631 }
```

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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