

Converting Colors

Hex(16A400)

Have a look what the booklet for
Hex(16A400) contains.

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Color

Hex(16A400)

Conversions

Conversions Part 1

Format	Color
Hex	16A400
RGB	22, 164, 0
RGB Percent	9%, 64%, 0%
CMY	0.9137, 0.3569, 1.0000
CMYK	0.87, 0.00, 1.00, 0.36
HSL	112°, 100%, 32%
HSV	112°, 100%, 64%
XYZ	13.6063, 26.7215, 4.4406
YIQ	102.8460, -31.9880, -81.1080

Conversions

Conversions Part 2

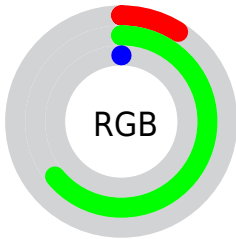
Format	Color
RYB	0, 164, 142
Decimal	1483776
CIELab	58.72, -60.49, 59.98
CIELCh	59, 85.184, 135.244
Yxy	26.7215, 0.3039, 0.5969
Android (android.graphics.Color)	4279673856 (0xFF16A400)
YUV	102.8460, -50.7031, -70.9019
Hunter-Lab	51.6928, -43.4786, 31.0917

Details

The Hex color **16A400** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **8E00A4**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **63DC48**, and **006E00** is the 20% darker color. If you saturate the color by 10%, you get **16A400**, and if you desaturate by 10%, it is **24A410**.

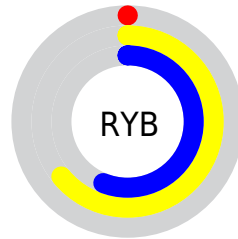
Distribution



Red (9%)

Green (64%)

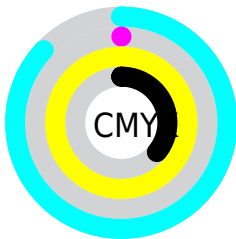
Blue (0%)



Red (0%)

Yellow (64%)

Blue (56%)

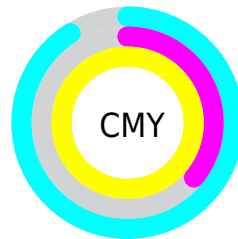


Cyan (87%)

Magenta (0%)

Yellow (100%)

Black (36%)



Cyan (91%)

Magenta (36%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 16A400 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 16A400 by changing the saturation by 10% instead.

 16A400

 16A400

FFFFFF

 008900

 63DC48

 006E00

 82F964

 005500

 A0FF7F

 003C00

 BEFF9B

 002500

 DCFFB7

 000000

 FAFFD4

 FFFFF1

 16A400

 24A410

 32A421

 41A431

 4FA442

 5DA452

 6BA462

 79A473

 88A483

 96A494

Harmonies

Analogous

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



889600



16A400



00AB64

Triad

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



16A400



00A1FF



FF286B

Complementary

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



16A400



8E00A4

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.



FE33B5



16A400



008AFF

Square

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



16A400



00ABF7



BE64F8



F85621

Rectangle

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



16A400



00AD99



BE64F8



FF2184

Sweetspot

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



16A400



9FD696



A48B00



4A6B45



EBEBEB



6B6B6B

Same Dimension

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



16A400



1DD600



00A439



4B5249



139100



021200

Inverse Universe

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



8E00A4



B900D6



A4006B



514952



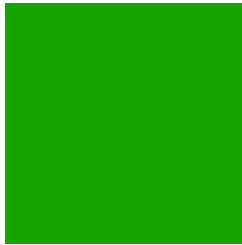
7E0091



0F0012

Previews

White Background



This preview shows how the Hex color 16A400 looks on a white background.

Color Contrast Check

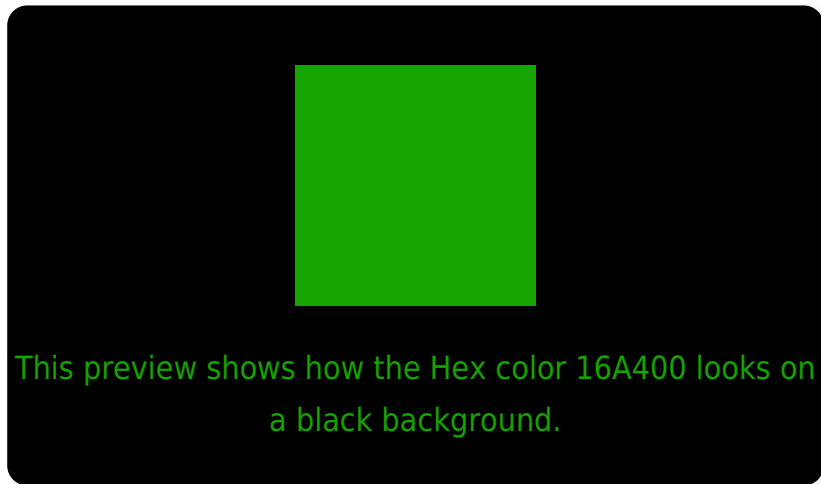
Large Text (above 18pt) WCAG AA ✓ Pass

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

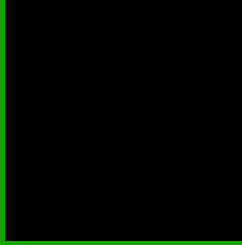
Any Text WCAG AA ✓ Pass

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 16A400 Background



This preview shows how black text looks on a background with the Hex color 16A400.



This preview shows how white text looks on a background with the Hex color 16A400.

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
16A400

Protanopia
9E8D00

Deuteranopia
B08523



Tritanopia
4798A5

Trichromacy



Original Color
16A400



Protanomaly
6D9500

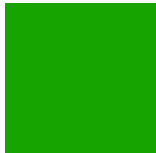


Deuteranomaly
789016



Tritanomaly
359C69

Monochromacy



Original Color
16A400



Achromatopsia
676767



Achromatomaly
4A7D42

CSS Examples

Text

The CSS property to change the color of the text to Hex 16A400 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 #16A400 looks like.

```
.text, #text, p{  
    color:#16A400  
}
```

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 #16A400 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #16A400
}
```

Border

The CSS property to change the border of an element to Hex 16A400 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
#16A400 }
```

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

```
.border{ border-color:#16A400 }
```

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

Here you see how a box with a 4 pixel #16A400 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #16A400; -webkit-box-shadow:4px 4px  
4px 4px #16A400; box-shadow:4px 4px 4px  
4px #16A400 }
```

Background

The CSS property to change the background color of an element to Hex 16A400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#16A400 }
```

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

```
.background{ background-color:#16A400 }
```

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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