

Converting Colors

Hex(16A821)

Have a look what the booklet for
Hex(16A821) contains.

Hex(16A821)	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

Hex(16A821)

Conversions

Conversions Part 1

Format	Color
Hex	16A821
RGB	22, 168, 33
RGB Percent	9%, 66%, 13%
CMY	0.9137, 0.3412, 0.8706
CMYK	0.87, 0.00, 0.80, 0.34
HSL	125°, 77%, 37%
HSV	125°, 87%, 66%
XYZ	14.6080, 28.2856, 6.1286
YIQ	108.9560, -43.6810, -72.9370

Conversions

Conversions Part 2

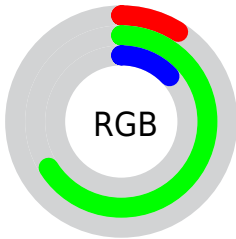
Format	Color
R_{YB}	22, 158, 168
Decimal	1484833
CIE Lab	60.15, -60.39, 54.64
CIE LCh	60, 81.438, 137.861
Yxy	28.2856, 0.2980, 0.5770
Android (android.graphics.Color)	4279674913 (0xFF16A821)
YUV	108.9560, -37.4463, -76.2604
Hunter-Lab	53.1842, -44.0442, 30.3968

Details

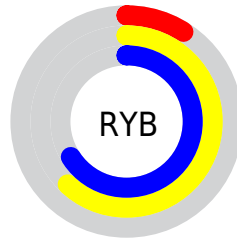
The Hex color **16A821** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **A8169D**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **63E059**, and **007200** is the 20% darker color. If you saturate the color by 10%, you get **05A811**, and if you desaturate by 10%, it is **27A831**.

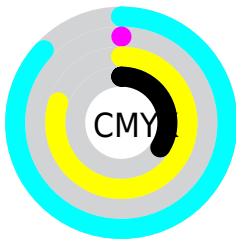
Distribution



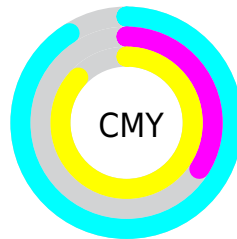
- Red (9%)
- Green (66%)
- Blue (13%)



- Red (9%)
- Yellow (62%)
- Blue (66%)



- Cyan (87%)
- Magenta (0%)
- Yellow (80%)
- Black (34%)




- Cyan (91%)
- Magenta (34%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 16A821 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 16A821 by changing the saturation by 10% instead.

 16A821

 16A821

FFFFFF

 008D00

 63E059

 007200

 82FE74

 005800

 A0FF8F

 004000

 BEFFAB

 002800

 DCFFC7

 000100

 FAFFE4

 000000

 16A821

 16A821

 05A811

 27A831

 00A80D

 38A840

 48A850

 59A85F

 6AA86F

 7BA87E

 8CA88E

 9CA89D

 ADA8AD

Harmonies

Analogous

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



879B00



16A821



00AE70

Triad

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



16A821



00A2FF



FF3C6A

Complementary

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



16A821



A8169D

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.



FF3FB1



16A821



338BFF

Square

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



16A821



00ADFB



C867F2



F66124

Rectangle

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



16A821



00B0A3



C867F2



FF3681

Sweetspot

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



16A821



A2DBA7



9EA816



4C6E4E



EDEDED



6E6E6E

Same Dimension

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



16A821



00DB11



16A869



4C544C



00940B



001402

Inverse Universe

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



A8169D



DB00CB



A81655



544C54



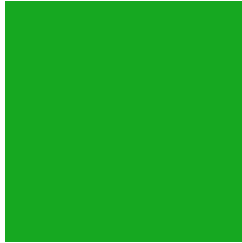
940089



140013

Previews

White Background



This preview shows how the Hex color 16A821 looks on a white background.

Color Contrast Check

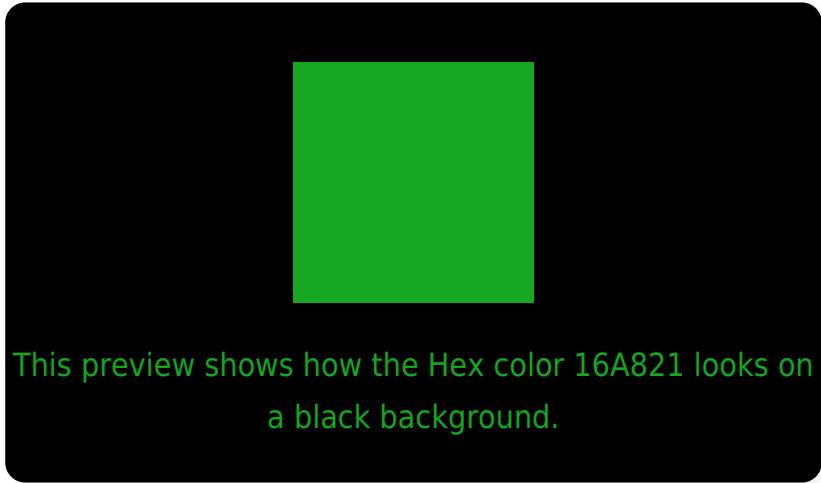
Large Text (above 18pt) WCAG AA ✓ Pass

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 16A821 Background



This preview shows how black text looks on a background with the Hex color 16A821.

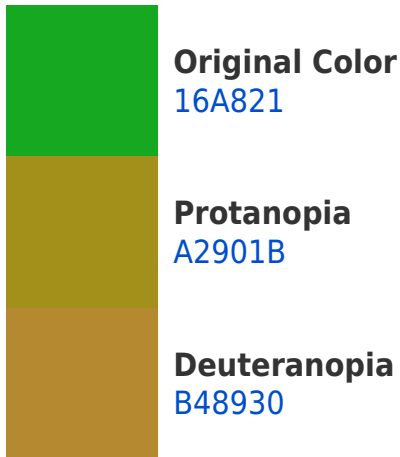


This preview shows how white text looks on a background with the Hex color 16A821.

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
489CA9

Trichromacy



Original Color
16A821



Protanomaly
6F991D



Deuteranomaly
7B942B



Tritanomaly
36A078

Monochromacy



Original Color
16A821



Achromatopsia
6D6D6D



Achromatomaly
4D8251

CSS Examples

Text

The CSS property to change the color of the text to Hex 16A821 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 #16A821 looks like.

```
.text, #text, p{  
    color:#16A821  
}
```

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 #16A821 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #16A821
}
```

Border

The CSS property to change the border of an element to Hex 16A821 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
#16A821 }
```

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

```
.border{ border-color:#16A821 }
```

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

Here you see how a box with a 4 pixel #16A821 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #16A821; -webkit-box-shadow:4px 4px  
4px 4px #16A821; box-shadow:4px 4px 4px  
4px #16A821 }
```

Background

The CSS property to change the background color of an element to Hex 16A821 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#16A821 }
```

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

```
.background{ background-color:#16A821 }
```

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