

Converting Colors

Hex(18A042)

Have a look what the booklet for
Hex(18A042) contains.

Hex(18A042)	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(18A042)

Conversions

Conversions Part 1

Format	Color
Hex	18A042
RGB	24, 160, 66
RGB Percent	9%, 63%, 26%
CMY	0.9059, 0.3725, 0.7412
CMYK	0.85, 0.00, 0.59, 0.37
HSL	139°, 74%, 36%
HSV	139°, 85%, 63%
XYZ	13.9309, 25.7291, 9.3862
YIQ	108.6200, -50.8820, -58.0660

Conversions

Conversions Part 2

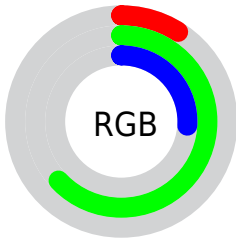
Format	Color
R_{YB}	24, 128, 160
Decimal	1613890
CIE _{Lab}	57.78, -54.39, 38.86
CIE _{LCh}	58, 66.843, 144.459
Yxy	25.7291, 0.2840, 0.5246
Android (android.graphics.Color)	4279803970 (0xFF18A042)
YUV	108.6200, -21.0117, -74.2117
Hunter-Lab	50.7239, -39.7434, 24.5354

Details

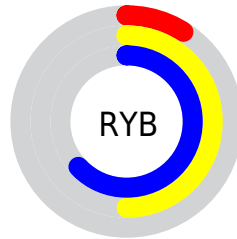
The Hex color **18A042** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **A01876**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **60D875**, and **006B0E** is the 20% darker color. If you saturate the color by 10%, you get **08A037**, and if you desaturate by 10%, it is **28A04D**.

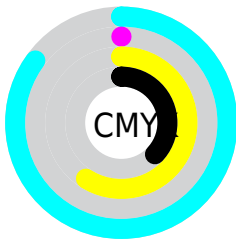
Distribution



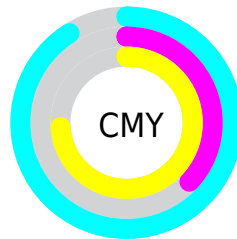
- Red (9%)
- Green (63%)
- Blue (26%)



- Red (9%)
- Yellow (50%)
- Blue (63%)



- Cyan (85%)
- Magenta (0%)
- Yellow (59%)
- Black (37%)



- Cyan (91%)
- Magenta (37%)
- Yellow (74%)

Brightness & Saturation Gradients


These gradients show how the Hex color 18A042 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 18A042 by changing the saturation by 10% instead.

 18A042

 18A042

FFFFFF

 008529

 60D875

 006B0E

 7EF58F

 005100

 9BFFAA

 003900

 B8FFC6

 002200

 D6FFE2

 000000

 F4FFFF

 18A042

 18A042

 08A037

 28A04D

 00A031

 38A058

 48A063

 58A06E

 68A079

 78A084

 88A08F

 98A09A

 A8A0A6

Harmonies

Analogous

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



789600



18A042



00A57E

Triad

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



18A042



0095FF



F1535E

Complementary

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



18A042



A01876

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.



ED4E98



18A042



7380F6

Square

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



18A042



00A1E9



C664D0



DA6C29

Rectangle

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



18A042



00A6A6



C664D0



F34F71

Sweetspot

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



18A042



9BD1AC



77A018



486952



E8E8E8



696969

Same Dimension

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



18A042



00D141



18A085



474F4A



008F2C



000F05

Inverse Universe

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



A01876



D10091



A01833



4F474D



8F0063



0F000B

Previews

White Background



This preview shows how the Hex color 18A042 looks on a white background.

Color Contrast Check

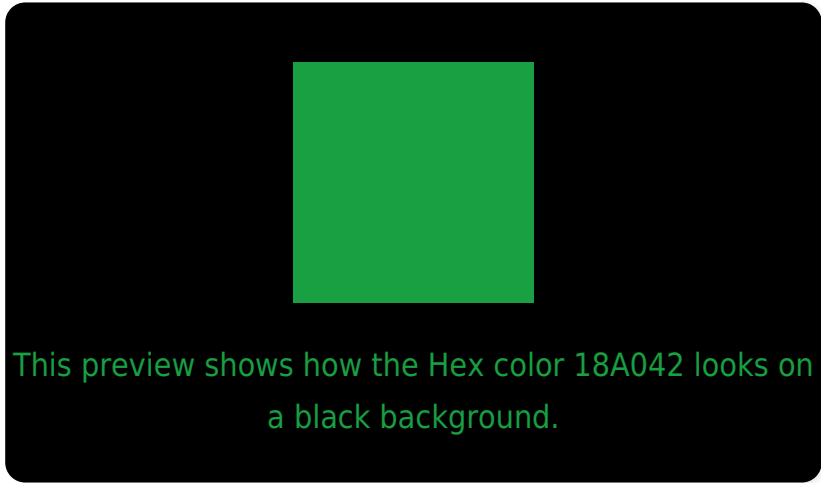
Large Text (above 18pt) WCAG AA ✓ Pass

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

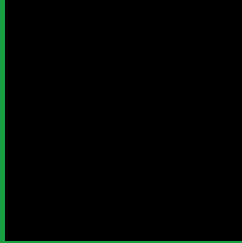
Any Text WCAG AA ✓ Pass

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 18A042 Background



This preview shows how black text looks on a background with the Hex color 18A042.

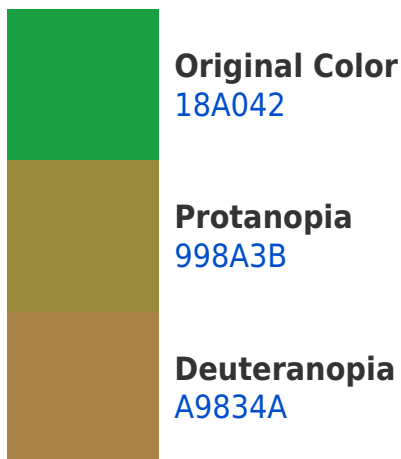


This preview shows how white text looks on a background with the Hex color 18A042.

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
4396A2

Trichromacy



Original Color

18A042



Protanomaly

6A923E



Deuteranomaly

748E47



Tritanomaly

339A7F

Monochromacy



Original Color

18A042



Achromatopsia

6D6D6D



Achromatomaly

4E805D

CSS Examples

Text

The CSS property to change the color of the text to Hex 18A042 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 #18A042 looks like.

```
.text, #text, p{  
    color:#18A042  
}
```

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 #18A042 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #18A042
}
```

Border

The CSS property to change the border of an element to Hex 18A042 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
#18A042 }
```

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

```
.border{ border-color:#18A042 }
```

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

Here you see how a box with a 4 pixel #18A042 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #18A042; -webkit-box-shadow:4px 4px  
4px 4px #18A042; box-shadow:4px 4px 4px  
4px #18A042 }
```

Background

The CSS property to change the background color of an element to Hex 18A042 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#18A042 }
```

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

```
.background{ background-color:#18A042 }
```

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