

Converting Colors

Hex(1A6C2C)

Have a look what the booklet for
Hex(1A6C2C) contains.

Hex(1A6C2C)	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(1A6C2C)

Conversions

Conversions Part 1

Format	Color
Hex	1A6C2C
RGB	26, 108, 44
RGB Percent	10%, 42%, 17%
CMY	0.8980, 0.5765, 0.8275
CMYK	0.76, 0.00, 0.59, 0.58
HSL	133°, 61%, 26%
HSV	133°, 76%, 42%
XYZ	6.2432, 11.1266, 4.2015
YIQ	76.1860, -28.3280, -37.2880

Conversions

Conversions Part 2

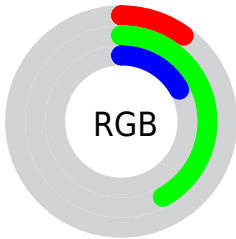
Format	Color
R_{YB}	26, 93, 108
Decimal	1731628
CIE _{Lab}	39.79, -38.75, 28.61
CIE _{LCh}	40, 48.165, 143.557
Yxy	11.1266, 0.2894, 0.5158
Android (android.graphics.Color)	4279921708 (0xFF1A6C2C)
YUV	76.1860, -15.8677, -44.0131
Hunter-Lab	33.3565, -24.9649, 15.8816

Details

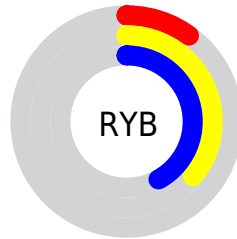
The Hex color **1A6C2C** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **6C1A5A**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **53A05C**, and **003B00** is the 20% darker color. If you saturate the color by 10%, you get **0F6C24**, and if you desaturate by 10%, it is **256C34**.

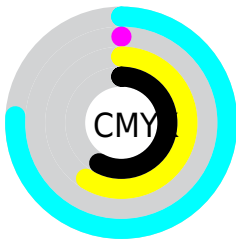
Distribution



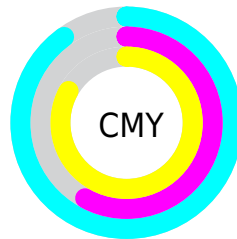
- Red (10%)
- Green (42%)
- Blue (17%)



- Red (10%)
- Yellow (36%)
- Blue (42%)



- Cyan (76%)
- Magenta (0%)
- Yellow (59%)
- Black (58%)



- Cyan (90%)
- Magenta (58%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1A6C2C 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 1A6C2C by changing the saturation by 10% instead.

 1A6C2C

 1A6C2C

FFFFFF

 005315


 53A05C

 003B00

 6EBC75

 002600

 8AD88F

 000000

 A5F4A9

 C1FFC5

 DEFFE1

 FBFFFE

 1A6C2C

 1A6C2C

■ 0F6C24

■ 256C34

■ 046C1B

■ 306C3D

■ 006C18

■ 3A6C45

■ 456C4E

■ 506C56

■ 5B6C5F

■ 666C67

■ 706C6F

■ 7B6C78

Harmonies

Analogous

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



536507



1A6C2C



006F54

Triad

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



1A6C2C



0065AC



A33941

Complementary

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



1A6C2C



6C1A5A

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.



9F3768



1A6C2C



4C57A6

Square

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



1A6C2C



006D9D



85458D



94491E

Rectangle

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



1A6C2C



00706F



85458D



A4364E

Sweetspot

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



1A6C2C



6C8C73



5A6C1A



334738



C7C7C7



474747

Same Dimension

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



1A6C2C



0D8C29



1A6C55



303631



00751A



00F536

Inverse Universe

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



6C1A5A



8C0D70



6C1A31



363034



75005C



F500BF

Previews

White Background



This preview shows how the Hex color 1A6C2C looks on a white background.

Color Contrast Check

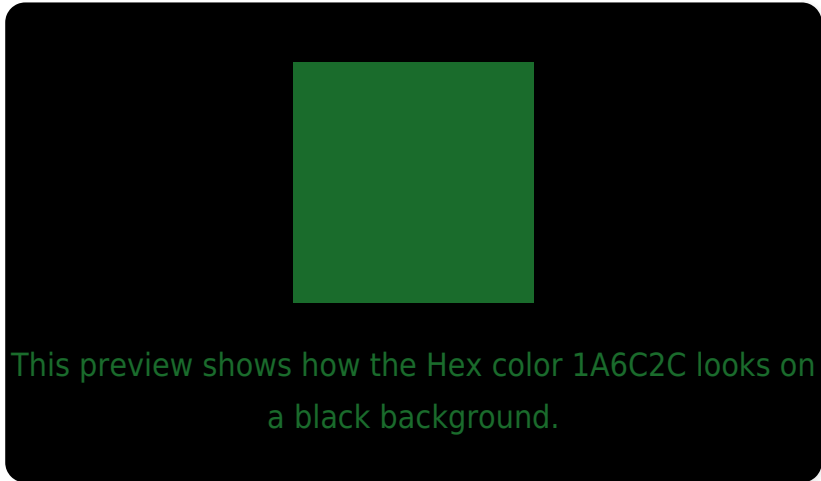
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

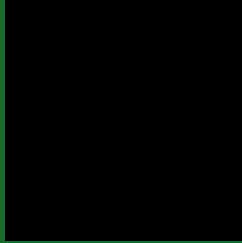
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 1A6C2C Background



This preview shows how black text looks on a background with the Hex color 1A6C2C.



This preview shows how white text looks on a background with the Hex color 1A6C2C.

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
1A6C2C

Protanopia
685E28

Deuteranopia
725931



Tritanopia
31656E

Trichromacy



Original Color
1A6C2C



Protanomaly
4C6329



Deuteranomaly
52602F



Tritanomaly
296856

Monochromacy



Original Color
1A6C2C



Achromatopsia
4C4C4C



Achromatomaly
3A5840

CSS Examples

Text

The CSS property to change the color of the text to Hex 1A6C2C 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 #1A6C2C looks like.

```
.text, #text, p{  
    color:#1A6C2C  
}
```

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 #1A6C2C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1A6C2C
}
```

Border

The CSS property to change the border of an element to Hex 1A6C2C 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".

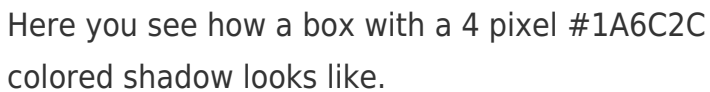
```
.border, #border, table{ border:4px solid
#1A6C2C }
```

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

```
.border{ border-color:#1A6C2C }
```

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

Here you see how a box with a 4 pixel #1A6C2C colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1A6C2C; -webkit-box-shadow:4px 4px  
4px 4px #1A6C2C; box-shadow:4px 4px 4px  
4px #1A6C2C }
```

Background

The CSS property to change the background color of an element to Hex 1A6C2C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1A6C2C }
```

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

```
.background{ background-color:#1A6C2C }
```

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