

# Converting Colors

Hex(1C6E15)

Have a look what the booklet for  
Hex(1C6E15) contains.

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# Color

**Hex(1C6E15)**

# Conversions

## Conversions Part 1

Format	Color
Hex	1C6E15
RGB	28, 110, 21
RGB Percent	11%, 43%, 8%
CMY	0.8902, 0.5686, 0.9176
CMYK	0.75, 0.00, 0.81, 0.57
HSL	115°, 68%, 26%
HSV	115°, 81%, 43%
XYZ	6.1902, 11.4529, 2.5938
YIQ	75.3360, -20.3030, -45.0630

# Conversions

## Conversions Part 2

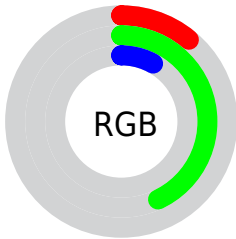
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	21, 110, 103
Decimal	1863189
CIE Lab	40.33, -41.65, 39.58
CIE LCh	40, 57.454, 136.459
Yxy	11.4529, 0.3059, 0.5659
Android (android.graphics.Color)	4280053269 (0xFF1C6E15)
YUV	75.3360, -26.7876, -41.5137
Hunter-Lab	33.8421, -26.5736, 19.1452

# Details

The Hex color **1C6E15** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **67156E**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **56A348**, and **003D00** is the 20% darker color. If you saturate the color by 10%, you get **126E0A**, and if you desaturate by 10%, it is **266E20**.

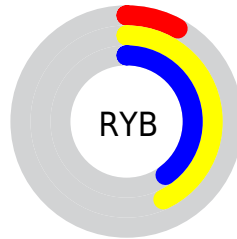
# Distribution



Red (11%)

Green (43%)

Blue (8%)



Red (8%)

Yellow (43%)

Blue (40%)

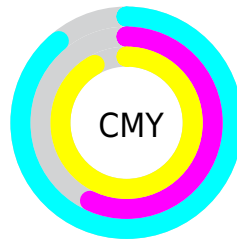


Cyan (75%)

Magenta (0%)

Yellow (81%)

Black (57%)



Cyan (89%)

Magenta (57%)

Yellow (92%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1C6E15 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 1C6E15 by changing the saturation by 10% instead.





1C6E15



1C6E15

FFFFFF



005500



56A348



003D00



72BE61



002800



8DDA7B



000200



A9F795



000000



C5FFB0



E2FFCC



FFFFE9



1C6E15



1C6E15

■ 126E0A

■ 266E20

■ 096E00

■ 306E2B

■ 3A6E36

■ 456E41

■ 4F6E4C

■ 596E57

■ 636E62

■ 6D6E6D

■ 776E78

# Harmonies

## Analogous

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



5B6500



1C6E15



007347

# Triad

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



1C6E15



006BBB



B12A47

# Complementary

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



1C6E15



67156E

# 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.



A72D76



1C6E15



1E5CBA

# Square

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



1C6E15



0072A3



8145A0



A33F1B

# Rectangle

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



1C6E15



007468



8145A0



B12757



# Sweetspot

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



1C6E15



6F8F6D



6E6715



344733



C7C7C7



474747



# Same Dimension

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



1C6E15



0F8F04



156E3A



333832



097800



13F700



# Inverse Universe

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



67156E



84048F



6E1549



383238



6E0078

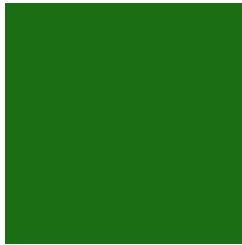


E400F7



# Previews

## White Background



This preview shows how the Hex color 1C6E15 looks on a white background.

## Color Contrast Check

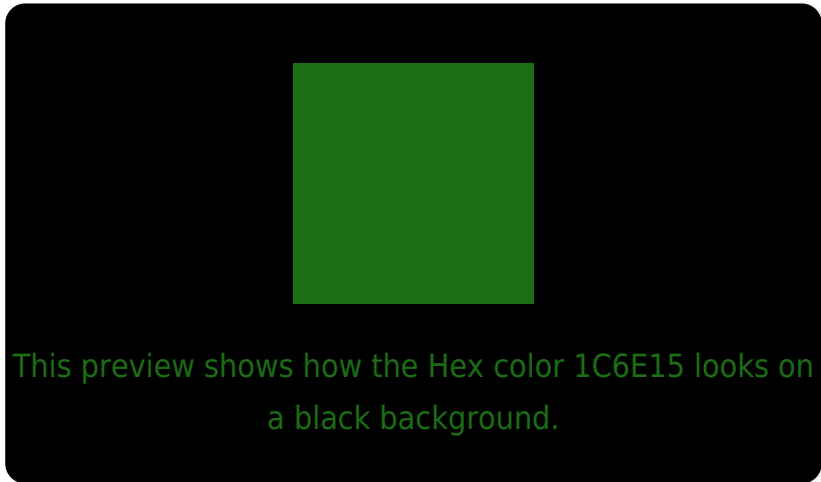
Large Text (above 18pt) WCAG AA ✓ Pass

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 1C6E15 Background



This preview shows how black text looks on a background with the Hex color 1C6E15.



This preview shows how white text looks on a background with the Hex color 1C6E15.

# 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**  
1C6E15

**Protanopia**  
6B5F11

**Deuteranopia**  
775A1F



**Tritanopia**  
34666F

# Trichromacy



**Original Color**  
1C6E15



**Protanomaly**  
4E6412



**Deuteranomaly**  
56611B



**Tritanomaly**  
2B694E

# Monochromacy



**Original Color**  
1C6E15



**Achromatopsia**  
4B4B4B



**Achromatomaly**  
3A5837

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1C6E15 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 #1C6E15 looks like.

```
.text, #text, p{  
    color:#1C6E15  
}
```

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 #1C6E15 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1C6E15
}
```

## Border

The CSS property to change the border of an element to Hex 1C6E15 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".

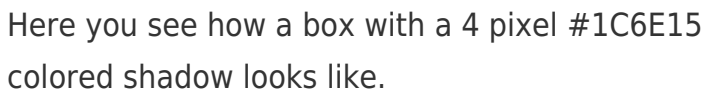
```
.border, #border, table{ border:4px solid
#1C6E15 }
```

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

```
.border{ border-color:#1C6E15 }
```

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

Here you see how a box with a 4 pixel #1C6E15 colored shadow looks like.

A rectangular box with a thick green border and a green shadow. The box is white with a green border and a green shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1C6E15; -webkit-box-shadow:4px 4px  
4px 4px #1C6E15; box-shadow:4px 4px 4px  
4px #1C6E15 }
```

# Background

The CSS property to change the background color of an element to Hex 1C6E15 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1C6E15 }
```

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

```
.background{ background-color:#1C6E15 }
```

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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