

# Converting Colors

Hex(15600C)

Have a look what the booklet for  
Hex(15600C) contains.

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**Color**

**Hex(15600C)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	15600C
RGB	21, 96, 12
RGB Percent	8%, 38%, 5%
CMY	0.9176, 0.6235, 0.9529
CMYK	0.78, 0.00, 0.87, 0.62
HSL	114°, 78%, 21%
HSV	114°, 88%, 38%
XYZ	4.5585, 8.5517, 1.7582
YIQ	63.9990, -17.7360, -42.0240

# Conversions

## Conversions Part 2

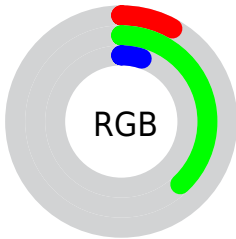
<b>Format</b>	<b>Color</b>
<b>RYB</b>	12, 96, 87
Decimal	1400844
CIELab	35.11, -38.62, 37.56
CIELCh	35, 53.878, 135.798
Yxy	8.5517, 0.3066, 0.5752
Android (android.graphics.Color)	4279590924 (0xFF15600C)
YUV	63.9990, -25.6355, -37.7101
Hunter-Lab	29.2433, -23.3510, 16.9056

# Details

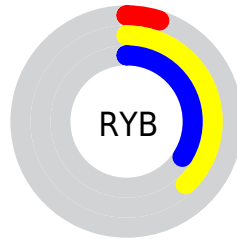
The Hex color **15600C** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **570C60**, and the grayscale version is **404040**.

A 20% lighter version of the original color is **4F933F**, and **003000** is the 20% darker color. If you saturate the color by 10%, you get **0C6002**, and if you desaturate by 10%, it is **1E6016**.

# Distribution



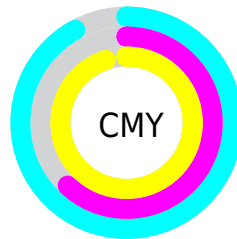
- Red (8%)
- Green (38%)
- Blue (5%)



- Red (5%)
- Yellow (38%)
- Blue (34%)



- Cyan (78%)
- Magenta (0%)
- Yellow (87%)
- Black (62%)



- Cyan (92%)
- Magenta (62%)
- Yellow (95%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 15600C 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 15600C by changing the saturation by 10% instead.





15600C



15600C



FFFFFFB



004800



4F933F



003000



6AAE58



001A00



85CA71



000000



A0E68B



BCFFA6



D9FFC2



F6FFDE



15600C



15600C

 0C6002

 1E6016

 0A6000

 26601F

 2F6029

 376032

 40603C

 486046

 51604F

 5A6059

 626062

# Harmonies

## Analogous

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



505800



15600C



00643C

# Triad

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



15600C



005DA7



9D203E

# Complementary

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



15600C



570C60

# 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.



942369



15600C



0750A6

# Square

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



15600C



006490



703B8F



913415

# Rectangle

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



15600C



00655A



703B8F



9D1D4C



# Sweetspot

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



15600C



607D5C



60560C



2E402C



BFBFBF



404040



# Same Dimension

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



15600C



0D7D00



0C602C



2C302C



0C7000



1AF000



# Inverse Universe

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



570C60



70007D



600C40



302C30



640070

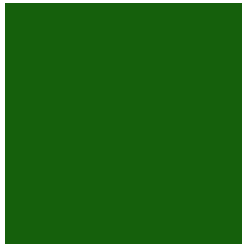


D600F0



# Previews

## White Background



This preview shows how the Hex color 15600C looks on a white background.

## Color Contrast Check

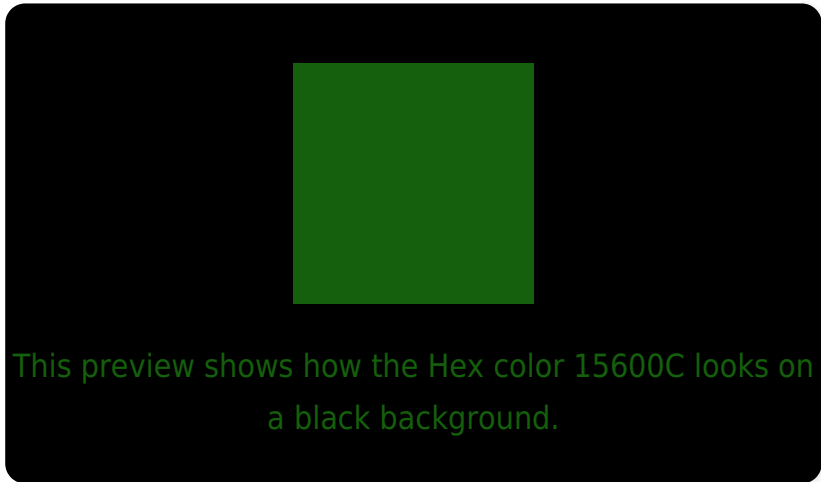
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

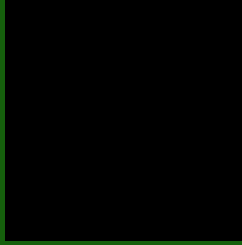
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 15600C Background



This preview shows how black text looks on a background with the Hex color 15600C.



This preview shows how white text looks on a background with the Hex color 15600C.

# 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](#).

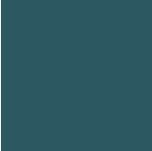
## Dichromacy



**Original Color**  
15600C

**Protanopia**  
5D5307

**Deuteranopia**  
674E17



**Tritanopia**  
2C5961

# Trichromacy



**Original Color**  
15600C

**Protanomaly**  
435809

**Deuteranomaly**  
495513

**Tritanomaly**  
245C42

# Monochromacy



**Original Color**  
15600C

**Achromatopsia**  
404040

**Achromatomaly**  
304C2D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 15600C 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 #15600C looks like.

```
.text, #text, p{  
    color:#15600C  
}
```

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 #15600C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #15600C
}
```

## Border

The CSS property to change the border of an element to Hex 15600C 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
#15600C }
```

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

```
.border{ border-color:#15600C }
```

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

Here you see how a box with a 4 pixel #15600C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #15600C; -webkit-box-shadow:4px 4px  
4px 4px #15600C; box-shadow:4px 4px 4px  
4px #15600C }
```

# Background

The CSS property to change the background color of an element to Hex 15600C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#15600C }
```

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

```
.background{ background-color:#15600C }
```

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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