

# Converting Colors

Hex(1E6B00)

Have a look what the booklet for  
Hex(1E6B00) contains.

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# Color

**Hex(1E6B00)**

# Conversions

## Conversions Part 1

Format	Color
Hex	1E6B00
RGB	30, 107, 0
RGB Percent	12%, 42%, 0%
CMY	0.8824, 0.5804, 1.0000
CMYK	0.72, 0.00, 1.00, 0.58
HSL	103°, 100%, 21%
HSV	103°, 100%, 42%
XYZ	5.7931, 10.7914, 1.7776
YIQ	71.7790, -11.5450, -49.6010

# Conversions

## Conversions Part 2

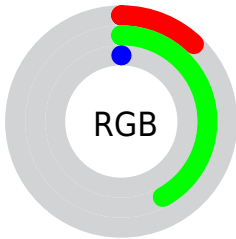
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 107, 77
Decimal	1993472
CIELab	39.23, -41.28, 44.48
CIELCh	39, 60.682, 132.859
Yxy	10.7914, 0.3155, 0.5877
Android (android.graphics.Color)	4280183552 (0xFF1E6B00)
YUV	71.7790, -35.3870, -36.6402
Hunter-Lab	32.8503, -26.0097, 19.7868

# Details

The Hex color **1E6B00** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **4D006B**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **589F3A**, and **003A00** is the 20% darker color. If you saturate the color by 10%, you get **1E6B00**, and if you desaturate by 10%, it is **266B0B**.

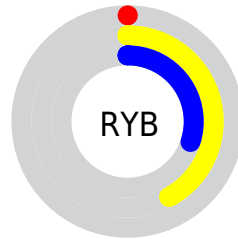
# Distribution



Red (12%)

Green (42%)

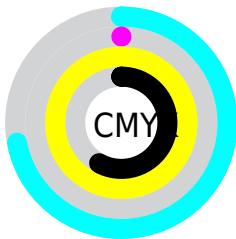
Blue (0%)



Red (0%)

Yellow (42%)

Blue (30%)

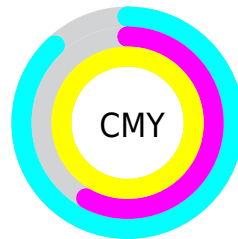


Cyan (72%)

Magenta (0%)

Yellow (100%)

Black (58%)



Cyan (88%)

Magenta (58%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1E6B00 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 1E6B00 by changing the saturation by 10% instead.



 1E6B00

 1E6B00

 FFFFF8

 005200

 589F3A

 003A00

 73BB54

 002600

 8FD76E

 000000

 ABF388

 C7FFA3

 E4FFBF

 FFFFDB

 1E6B00

 266B0B

 2D6B15

 356B20

 3D6B2B

 456B36

 4C6B40

 546B4B

 5C6B56

 636B60

# Harmonies

## Analogous

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



5D6100



1E6B00



00703D

# Triad

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



1E6B00



006ABB



B21D4A

# Complementary

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



1E6B00



4D006B

# 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.



A5267B



1E6B00



005CBE

# Square

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



1E6B00



00709F



7744A6



A6361A

# Rectangle

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



1E6B00



007160



7744A6



B11A5A



# Sweetspot

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



1E6B00



6E8C62



6B4D00



35472E



C7C7C7



474747



# Same Dimension

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



1E6B00



278C00



006B17



323630



217500



45F500



# Inverse Universe

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



4D006B



65008C



6B0054



343036



540075

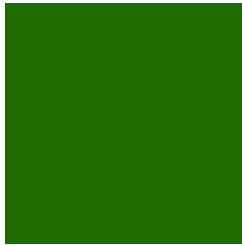


B000F5



# Previews

## White Background



This preview shows how the Hex color 1E6B00 looks on a white background.

## Color Contrast Check

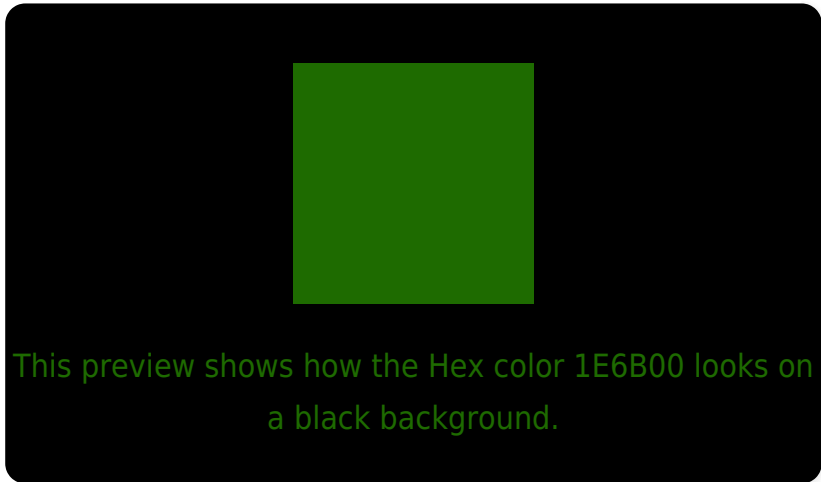
Large Text (above 18pt) WCAG AA ✓ Pass

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

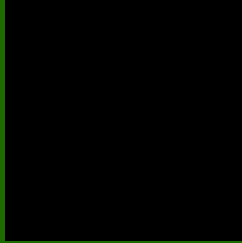
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 1E6B00 Background



This preview shows how black text looks on a background with the Hex color 1E6B00.



This preview shows how white text looks on a background with the Hex color 1E6B00.

# 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**  
1E6B00

**Protanopia**  
685C00

**Deuteranopia**  
745717



**Tritanopia**  
35636B

# Trichromacy



**Original Color**  
1E6B00



**Protanomaly**  
4D6100



**Deuteranomaly**  
555E0F



**Tritanomaly**  
2D6644

# Monochromacy



**Original Color**  
1E6B00



**Achromatopsia**  
484848



**Achromatomaly**  
39552E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1E6B00 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 #1E6B00 looks like.

```
.text, #text, p{  
    color:#1E6B00  
}
```

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 #1E6B00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1E6B00
}
```

## Border

The CSS property to change the border of an element to Hex 1E6B00 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
#1E6B00 }
```

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

```
.border{ border-color:#1E6B00 }
```

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

Here you see how a box with a 4 pixel #1E6B00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1E6B00; -webkit-box-shadow:4px 4px  
4px 4px #1E6B00; box-shadow:4px 4px 4px  
4px #1E6B00 }
```

# Background

The CSS property to change the background color of an element to Hex 1E6B00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1E6B00 }
```

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

```
.background{ background-color:#1E6B00 }
```

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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