

# Converting Colors

Hex(1E4600)

Have a look what the booklet for  
Hex(1E4600) contains.

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**Color**

**Hex(1E4600)**

# Conversions

## Conversions Part 1

Format	Color
Hex	1E4600
RGB	30, 70, 0
RGB Percent	12%, 27%, 0%
CMY	0.8824, 0.7255, 1.0000
CMYK	0.57, 0.00, 1.00, 0.73
HSL	94°, 100%, 14%
HSV	94°, 100%, 27%
XYZ	2.7256, 4.6563, 0.7551
YIQ	50.0600, -1.3700, -30.2500

# Conversions

## Conversions Part 2

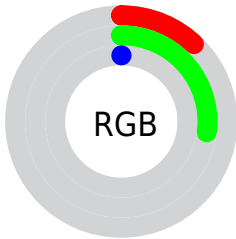
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 70, 40
Decimal	1984000
CIELab	25.73, -26.84, 33.57
CIELCh	26, 42.976, 128.646
Yxy	4.6563, 0.3350, 0.5722
Android (android.graphics.Color)	4280174080 (0xFF1E4600)
YUV	50.0600, -24.6796, -17.5926
Hunter-Lab	21.5785, -15.2162, 13.0302

# Details

The Hex color **1E4600** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **280046**, and the grayscale version is **323232**.

A 20% lighter version of the original color is **507731**, and **001C00** is the 20% darker color. If you saturate the color by 10%, you get **1E4600**, and if you desaturate by 10%, it is **224607**.

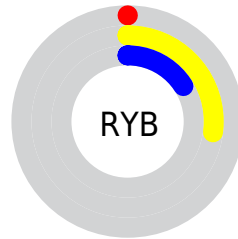
# Distribution



Red (12%)

Green (27%)

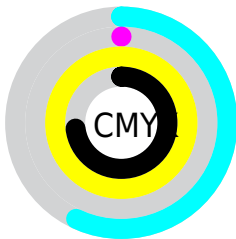
Blue (0%)



Red (0%)

Yellow (27%)

Blue (16%)

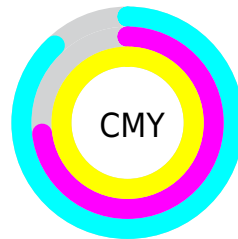


Cyan (57%)

Magenta (0%)

Yellow (100%)

Black (73%)



Cyan (88%)

Magenta (73%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1E4600 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 1E4600 by changing the saturation by 10% instead.



 1E4600

 1E4600

 FFFFE9

 042F00

 507731

 001C00

 699149

 000000


 83AB62

 9EC77B

 BAE395

 D6FFB0

 F3FFCC

 1E4600

■ 224607

■ 26460E

■ 2A4615

■ 2E461C

■ 324623

■ 36462A

■ 3A4631

■ 3E4638

■ 42463F

# Harmonies

## Analogous

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



433F00



1E4600



004A24

# Triad

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



1E4600



00477A



761635

# Complementary

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



1E4600



280046

# 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.



6A1E55



1E4600



003E7E

# Square

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



1E4600



004B65



492F70



702216

# Rectangle

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



1E4600



004B3A



492F70



741640



# Sweetspot

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



1E4600



4C5C40



462800



242E1D



ADADAD



2E2E2E



# Same Dimension

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



1E4600



275C00



004605



222420



2B6300



61E300



# Inverse Universe

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



280046



34005C



460041



222024



390063



8200E3



# Previews

## White Background



This preview shows how the Hex color 1E4600 looks on a white background.

## Color Contrast Check

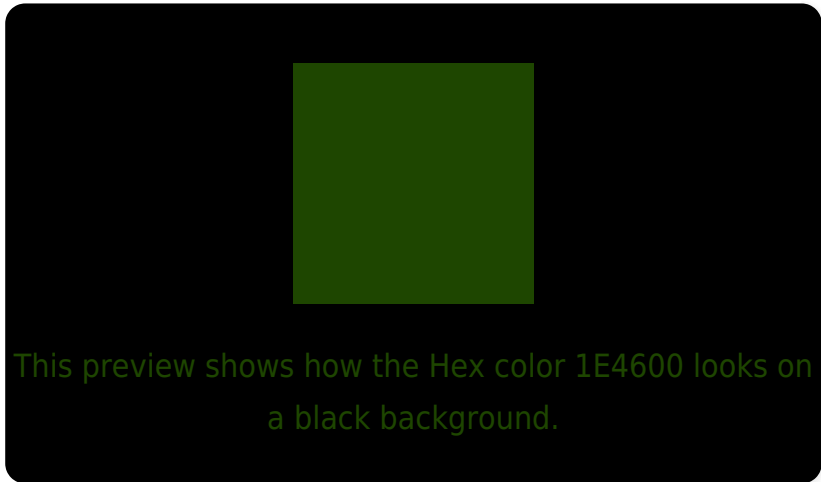
Large Text (above 18pt) WCAG AA ✓ Pass

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

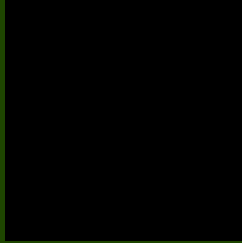
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 1E4600 Background



This preview shows how black text looks on a background with the Hex color 1E4600.



This preview shows how white text looks on a background with the Hex color 1E4600.

# 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](#).

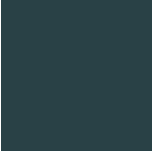
## Dichromacy



**Original Color**  
1E4600

**Protanopia**  
453D00

**Deuteranopia**  
4D3A0F



**Tritanopia**  
294146

# Trichromacy



**Original Color**  
1E4600

**Protanomaly**  
374000

**Deuteranomaly**  
3C3E0A

**Tritanomaly**  
25432D

# Monochromacy



**Original Color**  
1E4600

**Achromatopsia**  
323232

**Achromatomaly**  
2B3920

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1E4600 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 #1E4600 looks like.

```
.text, #text, p{  
    color:#1E4600  
}
```

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 #1E4600 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1E4600
}
```

## Border

The CSS property to change the border of an element to Hex 1E4600 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".

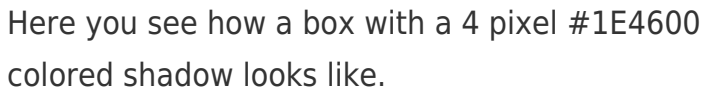
```
.border, #border, table{ border:4px solid
#1E4600 }
```

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

```
.border{ border-color:#1E4600 }
```

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

Here you see how a box with a 4 pixel #1E4600 colored shadow looks like.

A rectangular box with a dark green border and a dark green shadow. The box is white with a thin dark green border on the top and left sides, and a thicker dark green shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1E4600; -webkit-box-shadow:4px 4px  
4px 4px #1E4600; box-shadow:4px 4px 4px  
4px #1E4600 }
```

# Background

The CSS property to change the background color of an element to Hex 1E4600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1E4600 }
```

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

```
.background{ background-color:#1E4600 }
```

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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