

# Converting Colors

Hex(145002)

Have a look what the booklet for  
Hex(145002) contains.

<b>Hex(145002)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	21
<b><i>Color Blindness Simulation</i></b> .....	24
<b><i>CSS Examples</i></b> .....	27

# Color

Hex(145002)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	145002
RGB	20, 80, 2
RGB Percent	8%, 31%, 1%
CMY	0.9216, 0.6863, 0.9922
CMYK	0.75, 0.00, 0.98, 0.69
HSL	106°, 95%, 16%
HSV	106°, 98%, 31%
XYZ	3.1681, 5.8904, 1.0274
YIQ	53.1680, -10.7220, -36.9780

# Conversions

## Conversions Part 2

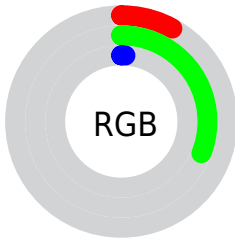
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	2, 80, 62
Decimal	1331202
CIE <sub>Lab</sub>	29.13, -33.63, 35.55
CIE <sub>LCh</sub>	29, 48.941, 133.408
Yxy	5.8904, 0.3141, 0.5840
Android (android.graphics.Color)	4279521282 (0xFF145002)
YUV	53.1680, -25.2258, -29.0883
Hunter-Lab	24.2702, -19.1724, 14.4792

# Details

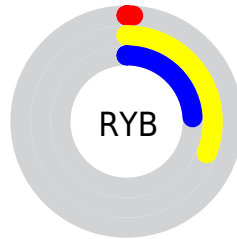
The Hex color **145002** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **3E0250**, and the grayscale version is **353535**.

A 20% lighter version of the original color is **4A8235**, and **002400** is the 20% darker color. If you saturate the color by 10%, you get **125000**, and if you desaturate by 10%, it is **1A500A**.

# Distribution



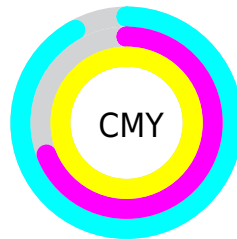
- Red (8%)
- Green (31%)
- Blue (1%)



- Red (1%)
- Yellow (31%)
- Blue (24%)



- Cyan (75%)
- Magenta (0%)
- Yellow (98%)
- Black (69%)



- Cyan (92%)
- Magenta (69%)
- Yellow (99%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 145002 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 145002 by changing the saturation by 10% instead.



 145002

 145002

 FFFFEE

 003800

 4A8235

 002400

 649C4D

 000000

 7FB866

 9AD380

 B6F09A

 D2FFB6

 EFFFFD1

 145002

 145002

■ 125000

■ 1A500A

■ 205012

■ 26501A

■ 2D5022

■ 33502A

■ 395032

■ 3F503A

■ 455042

■ 4B504A

# Harmonies

## Analogous

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



454800



145002



00542E

# Triad

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



145002



004F8E



861536

# Complementary

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



145002



3E0250

# 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.



7D1B5B



145002



00448F

# Square

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



145002



005478



5A317C



7D2811

# Rectangle

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



145002



005548



5A317C



851342



# Sweetspot

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



145002



51694A



503E02



273623



B5B5B5



363636



# Same Dimension

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



145002



186900



025017



262925



36E800

# Inverse Universe

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



3E0250



500069



50023B



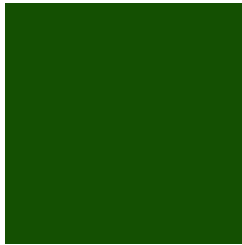
282529



B300E8

# Previews

## White Background



This preview shows how the Hex color 145002 looks on a white background.

## Color Contrast Check

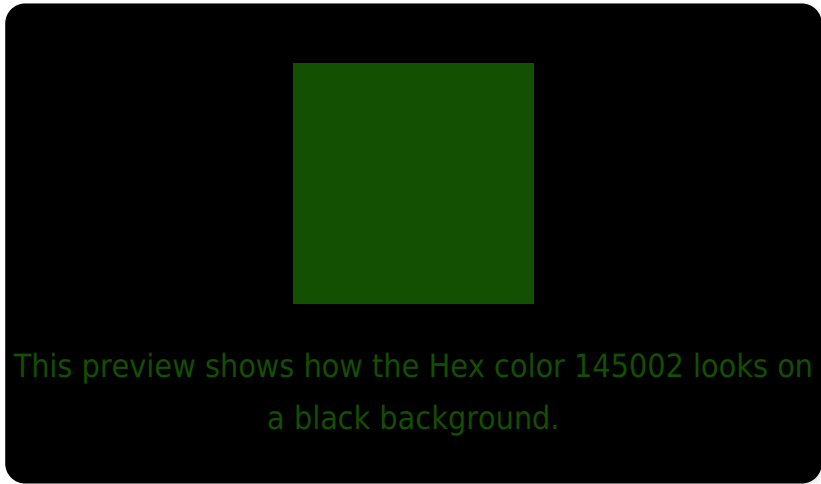
Large Text (above 18pt) WCAG AA ✓ Pass

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

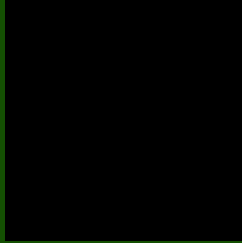
Any Text WCAG AA × Fail

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 145002 Background



This preview shows how black text looks on a background with the Hex color 145002.



This preview shows how white text looks on a background with the Hex color 145002.

# 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**  
145002

**Protanopia**  
4E4500

**Deuteranopia**  
564111





**Tritanopia**  
264A50

# Trichromacy



**Original Color**  
145002

**Protanomaly**  
394901

**Deuteranomaly**  
3E460C

**Tritanomaly**  
1F4C34

# Monochromacy



**Original Color**  
145002

**Achromatopsia**  
353535

**Achromatomaly**  
293F22

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 145002 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 #145002 looks like.

```
.text, #text, p{  
    color:#145002  
}
```

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 #145002 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #145002
}
```

## Border

The CSS property to change the border of an element to Hex 145002 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
#145002 }
```

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

```
.border{ border-color:#145002 }
```

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

Here you see how a box with a 4 pixel #145002 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #145002; -webkit-box-shadow:4px 4px  
4px 4px #145002; box-shadow:4px 4px 4px  
4px #145002 }
```

# Background

The CSS property to change the background color of an element to Hex 145002 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#145002 }
```

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

```
.background{ background-color:#145002 }
```

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