

# Converting Colors

Hex(165007)

Have a look what the booklet for  
Hex(165007) contains.

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# Color

**Hex(165007)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	165007
RGB	22, 80, 7
RGB Percent	9%, 31%, 3%
CMY	0.9137, 0.6863, 0.9725
CMYK	0.72, 0.00, 0.91, 0.69
HSL	108°, 84%, 17%
HSV	108°, 91%, 31%
XYZ	3.2379, 5.9232, 1.1737
YIQ	54.3360, -11.1350, -34.9990

# Conversions

## Conversions Part 2

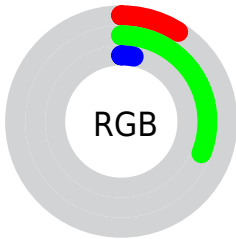
<b>Format</b>	<b>Color</b>
<b>RYB</b>	7, 80, 65
Decimal	1462279
CIELab	29.22, -32.82, 33.78
CIELCh	29, 47.099, 134.172
Yxy	5.9232, 0.3133, 0.5731
Android (android.graphics.Color)	4279652359 (0xFF165007)
YUV	54.3360, -23.3366, -28.3587
Hunter-Lab	24.3377, -18.8433, 14.1772

# Details

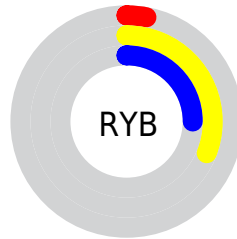
The Hex color **165007** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **410750**, and the grayscale version is **373737**.

A 20% lighter version of the original color is **4B8239**, and **002400** is the 20% darker color. If you saturate the color by 10%, you get **105000**, and if you desaturate by 10%, it is **1C500F**.

# Distribution



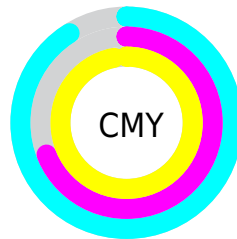
- Red (9%)
- Green (31%)
- Blue (3%)



- Red (3%)
- Yellow (31%)
- Blue (25%)



- Cyan (72%)
- Magenta (0%)
- Yellow (91%)
- Black (69%)




- Cyan (91%)
- Magenta (69%)
- Yellow (97%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 165007 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 165007 by changing the saturation by 10% instead.



 165007

 165007

 FFFFF2

 003800

 4B8239

 002400

 659C51

 000000

 80B76A

 9BD384

 B6F09E

 D3FFB9

 EFFF5

 165007

 165007

■ 105000

■ 1C500F

■ 235017

■ 29501F

■ 2F5027

■ 36502F

■ 3C5037

■ 42503F

■ 495047

■ 4F504F

# Harmonies

## Analogous

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



454900



165007



005430

# Triad

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



165007



004F8B



841A35

# Complementary

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



165007



410750

# 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.



7B1E5A



165007



00448C

# Square

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



165007



005477



5B327A



7B2A12

# Rectangle

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



165007



005549



5B327A



841841



# Sweetspot

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



165007



52694C



504007



283624



B5B5B5



363636



# Same Dimension

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



165007



156900



07501C



262925



30E800

# Inverse Universe

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



410750



530069



50073B



282529



B800E8

# Previews

## White Background



This preview shows how the Hex color 165007 looks on a white background.

## Color Contrast Check

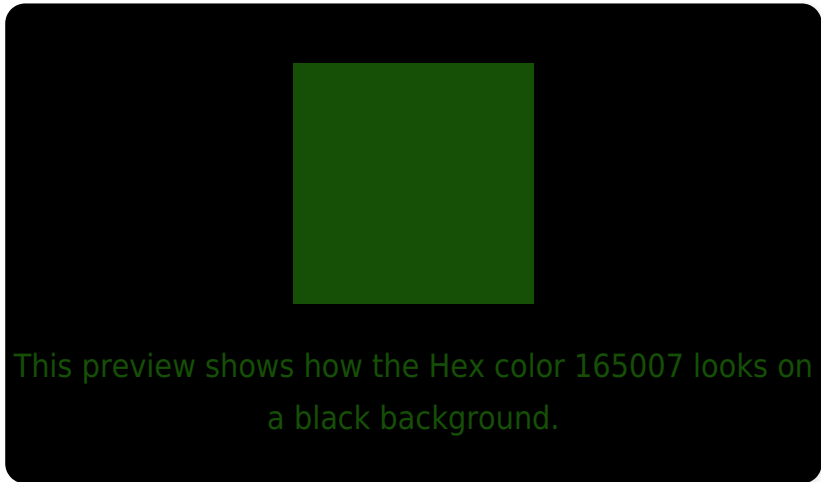
Large Text (above 18pt) WCAG AA ✓ Pass

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

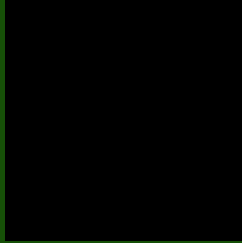
Any Text WCAG AA × Fail

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 165007 Background



This preview shows how black text looks on a background with the Hex color 165007.



This preview shows how white text looks on a background with the Hex color 165007.

# 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

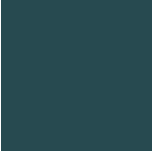


**Original Color**  
165007

**Protanopia**  
4E4500

**Deuteranopia**  
574112





**Tritanopia**  
274A50

# Trichromacy



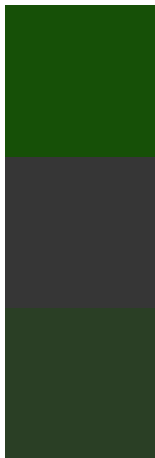
**Original Color**  
165007

**Protanomaly**  
3A4903

**Deuteranomaly**  
3F460E

**Tritanomaly**  
214C35

# Monochromacy



**Original Color**  
165007

**Achromatopsia**  
363636

**Achromatomaly**  
2A3F25

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 165007 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 #165007 looks like.

```
.text, #text, p{  
    color:#165007  
}
```

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 #165007 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #165007
}
```

## Border

The CSS property to change the border of an element to Hex 165007 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
#165007 }
```

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

```
.border{ border-color:#165007 }
```

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

Here you see how a box with a 4 pixel #165007 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #165007; -webkit-box-shadow:4px 4px  
4px 4px #165007; box-shadow:4px 4px 4px  
4px #165007 }
```

# Background

The CSS property to change the background color of an element to Hex 165007 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#165007 }
```

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

```
.background{ background-color:#165007 }
```

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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