

# Converting Colors

Hex(661500)

Have a look what the booklet for  
Hex(661500) contains.

<b>Hex(661500)</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> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(661500)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	661500
RGB	102, 21, 0
RGB Percent	40%, 8%, 0%
CMY	0.6000, 0.9176, 1.0000
CMYK	0.00, 0.79, 1.00, 0.60
HSL	12°, 100%, 20%
HSV	12°, 100%, 40%
XYZ	5.7477, 3.3611, 0.3458
YIQ	42.8250, 55.0170, 10.6410

# Conversions

## Conversions Part 2

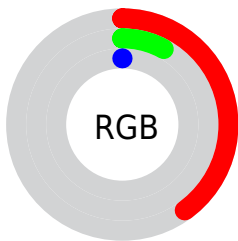
<b>Format</b>	<b>Color</b>
<b>RYB</b>	102, 26, 0
Decimal	6690048
CIELab	21.44, 34.89, 32.01
CIELCh	21, 47.354, 42.533
Yxy	3.3611, 0.6079, 0.3555
Android (android.graphics.Color)	4284880128 (0xFF661500)
YUV	42.8250, -21.1127, 51.8965
Hunter-Lab	18.3333, 23.8779, 11.7149

# Details

The Hex color **661500** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **005166**, and the grayscale version is **2B2B2B**.

A 20% lighter version of the original color is **9F472F**, and **310001** is the 20% darker color. If you saturate the color by 10%, you get **661500**, and if you desaturate by 10%, it is **661D0A**.

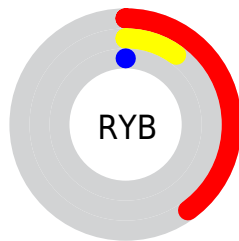
# Distribution



Red (40%)

Green (8%)

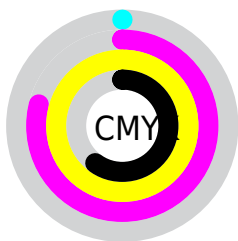
Blue (0%)



Red (40%)

Yellow (10%)

Blue (0%)

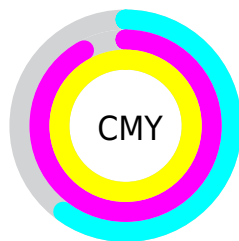


Cyan (0%)

Magenta (79%)

Yellow (100%)

Black (60%)



Cyan (60%)

Magenta (92%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 661500 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 661500 by changing the saturation by 10% instead.



 661500

 661500

 FFFFE3

 4A0000

 9F472F

 310001

 BD6046

 000000

 DB7A5E

 F99577

 FFB090

 FFCCAB

 FFE8C7

 661500

 661D0A

 662514

 662D1F

 663529

 663E33

 66463D

 664E47

 665652

 665E5C

# Harmonies

## Analogous

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



6F0027



661500



512A00

# Triad

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



661500



00411D



003379

# Complementary

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



661500



005166

# 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.



003D77



661500



004242

# Square

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



661500



033D00



004163



452168

# Rectangle

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



661500



3E3300



004163



00377A



# Sweetspot

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



661500



85655D



660052



422F2A



C2C2C2



424242



# Same Dimension

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



661500



851B00



664700



332F2E



731800



F23200



# Inverse Universe

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



005166



006985



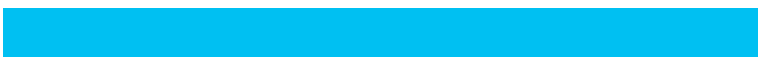
001F66



2E3233



005B73

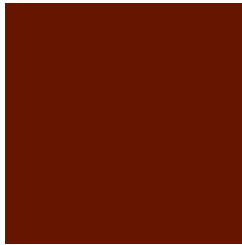


00C0F2



# Previews

## White Background



This preview shows how the Hex color 661500 looks on a white background.

## Color Contrast Check

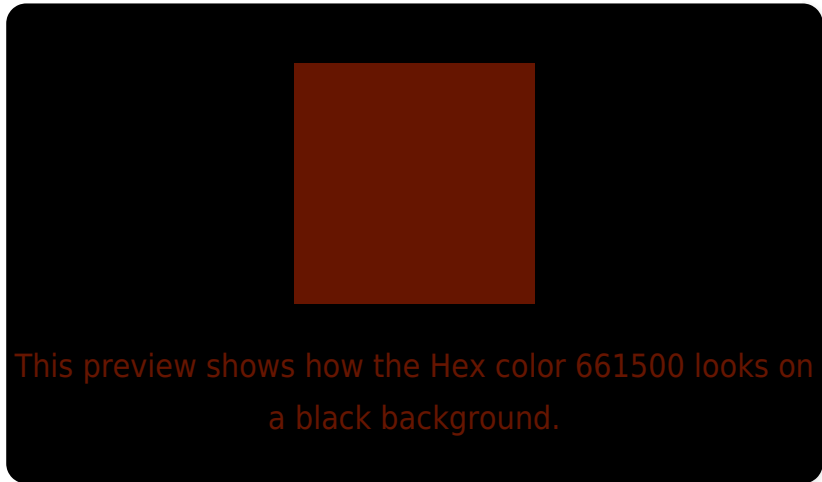
Large Text (above 18pt) WCAG AA ✓ Pass

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

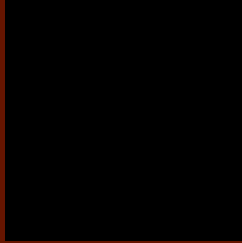
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 661500 Background



This preview shows how black text looks on a background with the Hex color 661500.



This preview shows how white text looks on a background with the Hex color 661500.

# 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**  
661500

**Protanopia**  
3C360C

**Deuteranopia**  
443300



**Tritanopia**  
661414

# Trichromacy



**Original Color**  
661500

**Protanomaly**  
4B2A08

**Deuteranomaly**  
502800

**Tritanomaly**  
66140D

# Monochromacy



**Original Color**  
661500

**Achromatopsia**  
2B2B2B

**Achromatomaly**  
40231B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 661500 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 #661500 looks like.

```
.text, #text, p{  
    color:#661500  
}
```

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 #661500 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #661500
}
```

## Border

The CSS property to change the border of an element to Hex 661500 is called "border". The border property can be set on classes, ids or directly on the HTML element.

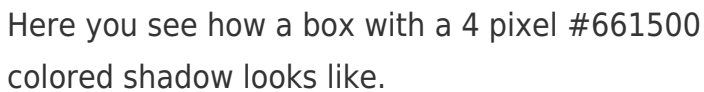
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#661500 }
```

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

```
.border{ border-color:#661500 }
```

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



Here you see how a box with a 4 pixel #661500 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #661500; -webkit-box-shadow:4px 4px  
4px 4px #661500; box-shadow:4px 4px 4px  
4px #661500 }
```

# Background

The CSS property to change the background color of an element to Hex 661500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#661500 }
```

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

```
.background{ background-color:#661500 }
```

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**