

Converting Colors

Hex(661300)

Have a look what the booklet for
Hex(661300) contains.

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Color

Hex(661300)

Conversions

Conversions Part 1

Format	Color
Hex	661300
RGB	102, 19, 0
RGB Percent	40%, 7%, 0%
CMY	0.6000, 0.9255, 1.0000
CMYK	0.00, 0.81, 1.00, 0.60
HSL	11°, 100%, 20%
HSV	11°, 100%, 40%
XYZ	5.7124, 3.2905, 0.3341
YIQ	41.6510, 55.5670, 11.6870

Conversions

Conversions Part 2

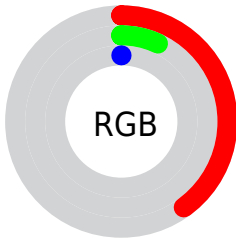
Format	Color
R_{YB}	102, 23, 0
Decimal	6689536
CIE Lab	21.17, 35.63, 31.72
CIE LCh	21, 47.707, 41.682
Yxy	3.2905, 0.6118, 0.3524
Android (android.graphics.Color)	4284879616 (0xFF661300)
YUV	41.6510, -20.5339, 52.9261
Hunter-Lab	18.1398, 24.4663, 11.6060

Details

The Hex color **661300** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **005366**, and the grayscale version is **2A2A2A**.

A 20% lighter version of the original color is **9F462F**, and **310001** is the 20% darker color. If you saturate the color by 10%, you get **661300**, and if you desaturate by 10%, it is **661B0A**.

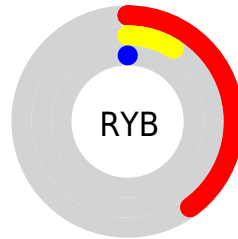
Distribution



Red (40%)

Green (7%)

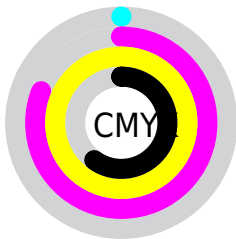
Blue (0%)



Red (40%)

Yellow (9%)

Blue (0%)

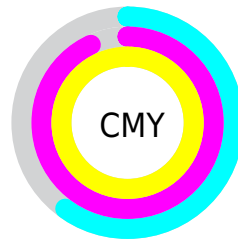


Cyan (0%)

Magenta (81%)

Yellow (100%)

Black (60%)



Cyan (60%)

Magenta (93%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 661300 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 661300 by changing the saturation by 10% instead.

 661300

 661300

 FFFFE2

 4A0000

 9F462F

 310001

 BD5F46

 000000

 DB795E

 F99376

 FFAE90

 FFCAAB

 FFE7C6

 661300

 661B0A

 662414

 662C1F

 663429

 663D33

 66453D

 664D47

 665552

 665E5C

Harmonies

Analogous

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



6E0027



661300



512900

Triad

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



661300



00401B



003379

Complementary

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



661300



005366

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



661300



004140

Square

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



661300



053D00



004161



432168

Rectangle

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



661300



3E3200



004161



00377A

Sweetspot

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



661300



85645D



660053



422F2A



C2C2C2



424242

Same Dimension

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



661300



851900



664600



332F2E



731500



F22D00

Inverse Universe

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



005366



006C85



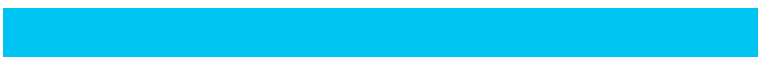
002066



2E3233



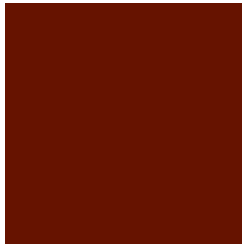
005D73



00C5F2

Previews

White Background



This preview shows how the Hex color 661300 looks on a white background.

Color Contrast Check

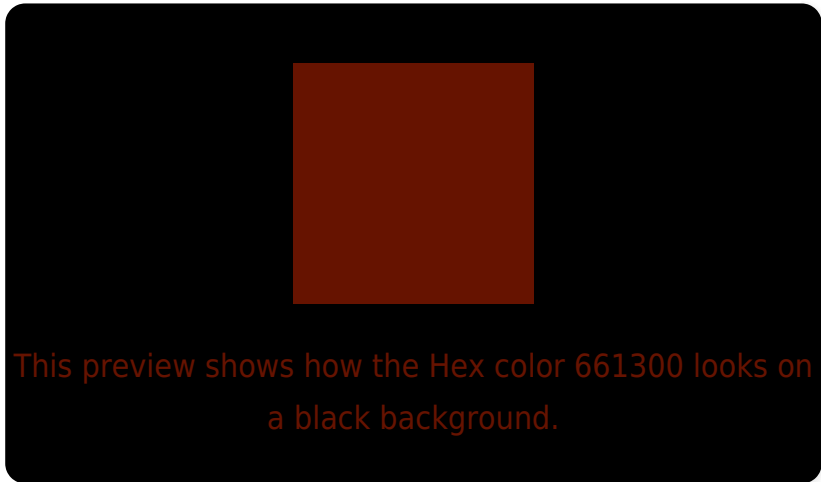
Large Text (above 18pt) WCAG AA ✓ Pass

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

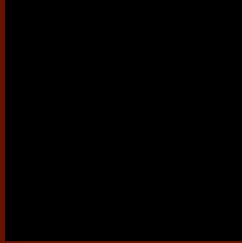
Any Text WCAG AA × Fail

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 661300 Background



This preview shows how black text looks on a background with the Hex color 661300.



This preview shows how white text looks on a background with the Hex color 661300.

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
661300

Protanopia
3C350C

Deuteranopia
433300



Tritanopia
661211

Trichromacy



Original Color
661300

Protanomaly
4B2908

Deuteranomaly
502700

Tritanomaly
66120B

Monochromacy



Original Color
661300

Achromatopsia
2A2A2A

Achromatomaly
40221B

CSS Examples

Text

The CSS property to change the color of the text to Hex 661300 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 #661300 looks like.

```
.text, #text, p{  
    color:#661300  
}
```

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 #661300 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #661300
}
```

Border

The CSS property to change the border of an element to Hex 661300 is called "border". The border property can be set on classes, ids or directly on the HTML element.

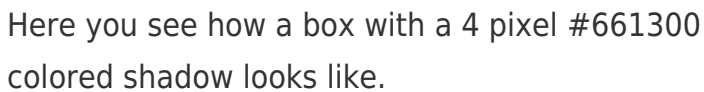
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#661300 }
```

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

```
.border{ border-color:#661300 }
```

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



Here you see how a box with a 4 pixel #661300 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #661300; -webkit-box-shadow:4px 4px  
4px 4px #661300; box-shadow:4px 4px 4px  
4px #661300 }
```

Background

The CSS property to change the background color of an element to Hex 661300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#661300 }
```

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

```
.background{ background-color:#661300 }
```

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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