

# Converting Colors

Hex(641300)

Have a look what the booklet for  
Hex(641300) contains.

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**Color**

**Hex(641300)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	641300
RGB	100, 19, 0
RGB Percent	39%, 7%, 0%
CMY	0.6078, 0.9255, 1.0000
CMYK	0.00, 0.81, 1.00, 0.61
HSL	11°, 100%, 20%
HSV	11°, 100%, 39%
XYZ	5.4884, 3.1751, 0.3236
YIQ	41.0530, 54.3750, 11.2630

# Conversions

## Conversions Part 2

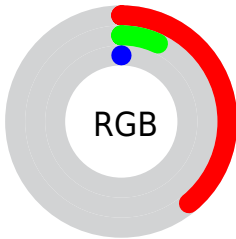
<b>Format</b>	<b>Color</b>
<b>RYB</b>	100, 23, 0
Decimal	6558464
CIELab	20.73, 34.93, 31.12
CIELCh	21, 46.781, 41.694
Yxy	3.1751, 0.6107, 0.3533
Android (android.graphics.Color)	4284748544 (0xFF641300)
YUV	41.0530, -20.2391, 51.6965
Hunter-Lab	17.8187, 23.7976, 11.3964

# Details

The Hex color **641300** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **005164**, and the grayscale version is **292929**.

A 20% lighter version of the original color is **9D452F**, and **2F0001** is the 20% darker color. If you saturate the color by 10%, you get **641300**, and if you desaturate by 10%, it is **641B0A**.

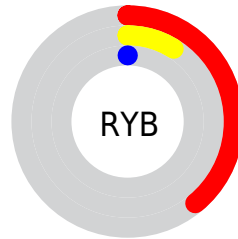
# Distribution



Red (39%)

Green (7%)

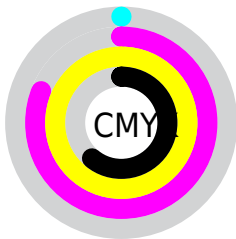
Blue (0%)



Red (39%)

Yellow (9%)

Blue (0%)

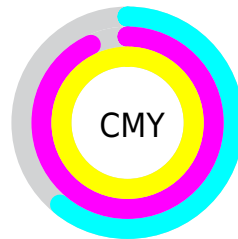


Cyan (0%)

Magenta (81%)

Yellow (100%)

Black (61%)



Cyan (61%)

Magenta (93%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 641300 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 641300 by changing the saturation by 10% instead.



 641300

 641300

 FFFFE2

 480000

 9D452F

 2F0001

 BB5F46

 000000

 D8785D

 F79376

 FFAE90

 FFCAAB

 FFE6C6

 641300

 641B0A

 642314

 642B1E

 643328

 643C32

 64443C

 644C46

 645450

 645C5A

# Harmonies

## Analogous

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



6C0026



641300



4F2800

# Triad

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



641300



003F1B



003276

# Complementary

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



641300



005164

# 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.



003C74



641300



00403F

# Square

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



641300



053B00



003F5F



422166

# Rectangle

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



641300



3D3100



003F5F



003678



# Sweetspot

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



641300



82625B



640052



422F2A



C2C2C2



424242



# Same Dimension

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



641300



821900



644400



332F2E



731600



F22E00



# Inverse Universe

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



005164



006982



002064



2E3233



005D73

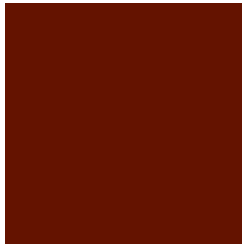


00C4F2



# Previews

## White Background



This preview shows how the Hex color 641300 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

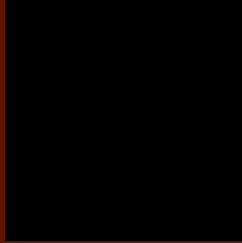
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 641300 Background



This preview shows how black text looks on a background with the Hex color 641300.



This preview shows how white text looks on a background with the Hex color 641300.

# 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**  
641300

**Protanopia**  
3B340C

**Deuteranopia**  
423200



**Tritanopia**  
641211

# Trichromacy



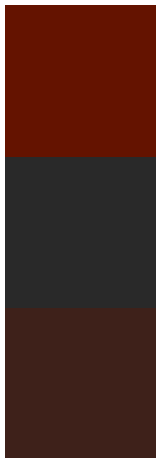
**Original Color**  
641300

**Protanomaly**  
4A2808

**Deuteranomaly**  
4E2700

**Tritanomaly**  
64120B

# Monochromacy



**Original Color**  
641300

**Achromatopsia**  
292929

**Achromatomaly**  
3E211A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 641300 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 #641300 looks like.

```
.text, #text, p{  
    color:#641300  
}
```

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 #641300 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #641300
}
```

## Border

The CSS property to change the border of an element to Hex 641300 is called "border". The border property can be set on classes, ids or directly on the HTML element.

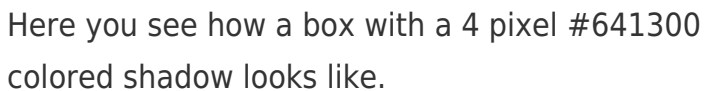
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#641300 }
```

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

```
.border{ border-color:#641300 }
```

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



Here you see how a box with a 4 pixel #641300 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #641300; -webkit-box-shadow:4px 4px  
4px 4px #641300; box-shadow:4px 4px 4px  
4px #641300 }
```

# Background

The CSS property to change the background color of an element to Hex 641300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#641300 }
```

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

```
.background{ background-color:#641300 }
```

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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