

# Converting Colors

Hex(452500)

Have a look what the booklet for  
Hex(452500) contains.

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**Color**

**Hex(452500)**

# Conversions

## Conversions Part 1

Format	Color
Hex	452500
RGB	69, 37, 0
RGB Percent	27%, 15%, 0%
CMY	0.7294, 0.8549, 1.0000
CMYK	0.00, 0.46, 1.00, 0.73
HSL	32°, 100%, 14%
HSV	32°, 100%, 27%
XYZ	3.1158, 2.5883, 0.3354
YIQ	42.3500, 30.9490, -4.7230

# Conversions

## Conversions Part 2

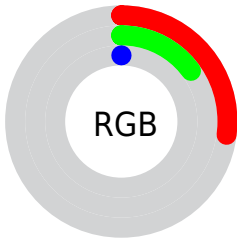
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	60, 69, 0
Decimal	4531456
CIE <sub>Lab</sub>	18.31, 12.12, 26.78
CIE <sub>LCh</sub>	18, 29.393, 65.649
Yxy	2.5883, 0.5159, 0.4286
Android (android.graphics.Color)	4282721536 (0xFF452500)
YUV	42.3500, -20.8785, 23.3721
Hunter-Lab	16.0883, 6.4153, 10.0259

# Details

The Hex color **452500** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **002045**, and the grayscale version is **2B2B2B**.

A 20% lighter version of the original color is **79522F**, and **0C0000** is the 20% darker color. If you saturate the color by 10%, you get **452500**, and if you desaturate by 10%, it is **452807**.

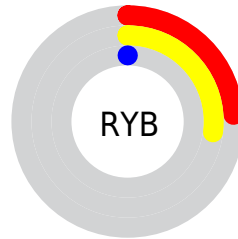
# Distribution



Red (27%)

Green (15%)

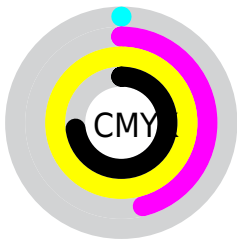
Blue (0%)



Red (24%)

Yellow (27%)

Blue (0%)

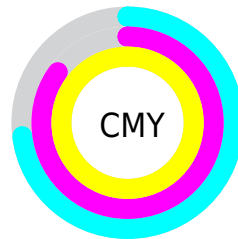


Cyan (0%)

Magenta (46%)

Yellow (100%)

Black (73%)



Cyan (73%)

Magenta (85%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 452500 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 452500 by changing the saturation by 10% instead.



 452500

 452500

 FFFFE3

 2C1100

 79522F

 0C0000

 946A46

 000000

 AF835E

 CC9D77

 E9B891

 FFD4AB

 FFF0C7

 452500

■ 452807

■ 452B0E

■ 452F15

■ 45321C

■ 453523

■ 453829

■ 453B30

■ 453F37

■ 45423E

# Harmonies

## Analogous

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



501C15



452500



342D00

# Triad

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



452500



003730



32254F

# Complementary

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



452500



002045

# 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.



002E57



452500



003645

# Square

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



452500



00351A



003353



491C3F

# Rectangle

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



452500



263100



003353



262853



# Sweetspot

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



452500



594D3E



450020



2E261D



ADADAD



2E2E2E



# Same Dimension

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



452500



593000



434500



242220



633500



E37A00



# Inverse Universe

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



002045



002959



020045



202224



002E63

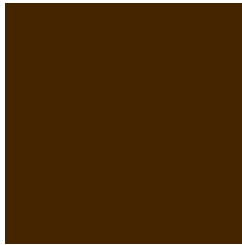


0069E3



# Previews

## White Background



This preview shows how the Hex color 452500 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

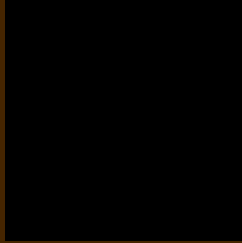
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 452500 Background



This preview shows how black text looks on a background with the Hex color 452500.



This preview shows how white text looks on a background with the Hex color 452500.

# 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**  
452500

**Protanopia**  
332E06

**Deuteranopia**  
3A2B00



**Tritanopia**  
462225

# Trichromacy



**Original Color**  
452500

**Protanomaly**  
3A2B04

**Deuteranomaly**  
3E2900

**Tritanomaly**  
462318

# Monochromacy



**Original Color**  
452500

**Achromatopsia**  
2A2A2A

**Achromatomaly**  
34281B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 452500 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 #452500 looks like.

```
.text, #text, p{  
    color:#452500  
}
```

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 #452500 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #452500
}
```

## Border

The CSS property to change the border of an element to Hex 452500 is called "border". The border property can be set on classes, ids or directly on the HTML element.

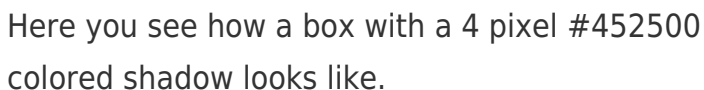
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#452500 }
```

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

```
.border{ border-color:#452500 }
```

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



Here you see how a box with a 4 pixel #452500 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #452500; -webkit-box-shadow:4px 4px  
4px 4px #452500; box-shadow:4px 4px 4px  
4px #452500 }
```

# Background

The CSS property to change the background color of an element to Hex 452500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#452500 }
```

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

```
.background{ background-color:#452500 }
```

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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