

# Converting Colors

Hex(742500)

Have a look what the booklet for  
Hex(742500) contains.

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**Color**

**Hex(742500)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	742500
RGB	116, 37, 0
RGB Percent	45%, 15%, 0%
CMY	0.5451, 0.8549, 1.0000
CMYK	0.00, 0.68, 1.00, 0.55
HSL	19°, 100%, 23%
HSV	19°, 100%, 45%
XYZ	7.8640, 5.0361, 0.5576
YIQ	56.4030, 58.9610, 5.2410

# Conversions

## Conversions Part 2

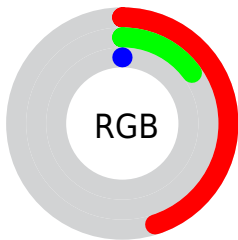
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	116, 54, 0
Decimal	7611648
CIE Lab	26.84, 33.23, 38.30
CIE LCh	27, 50.703, 49.052
Yxy	5.0361, 0.5843, 0.3742
Android (android.graphics.Color)	4285801728 (0xFF742500)
YUV	56.4030, -27.8067, 52.2666
Hunter-Lab	22.4413, 23.2787, 14.2358

# Details

The Hex color **742500** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **004F74**, and the grayscale version is **393939**.

A 20% lighter version of the original color is **AE562F**, and **3C0000** is the 20% darker color. If you saturate the color by 10%, you get **742500**, and if you desaturate by 10%, it is **742D0C**.

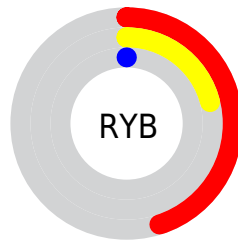
# Distribution



Red (45%)

Green (15%)

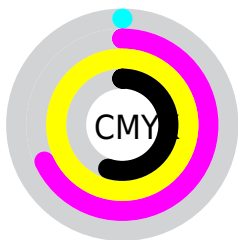
Blue (0%)



Red (45%)

Yellow (21%)

Blue (0%)

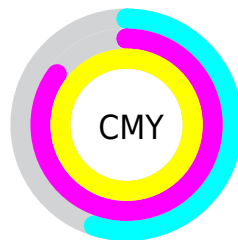


Cyan (0%)

Magenta (68%)

Yellow (100%)

Black (55%)



Cyan (55%)

Magenta (85%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 742500 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 742500 by changing the saturation by 10% instead.



 742500

 742500

 FFFFE5

 580B00

 AE562F

 3C0000

 CC6F47

 210001

 EB895F

 000000

 FFA479

 FFC093

 FFDCAD

 FFF9C9

 742500

 742D0C

 743517

 743D23

 74452E

 744D3A

 745446

 745C51

 74645D

 746C68

# Harmonies

## Analogous

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



810929



742500



5A3900

# Triad

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



742500



004F2F



023C8A

# Complementary

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



742500



004F74

# 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.



00488C



742500



005058

# Square

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



742500



004C02



004E7A



5E2673

# Rectangle

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



742500



444200



004E7A



00418D



# Sweetspot

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



742500



967869



74004F



4D3A31



CCCCCC



4D4D4D



# Same Dimension

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



742500



963000



745F00



3B3735



7A2700



FA5000



# Inverse Universe

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



004F74



006696



001574



35393B



00537A

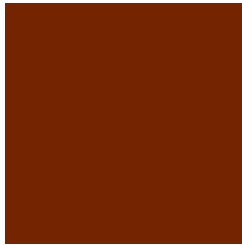


00AAFA



# Previews

## White Background



This preview shows how the Hex color 742500 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

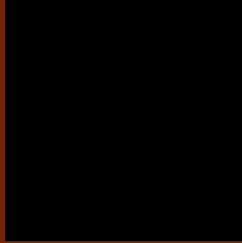
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 742500 Background



This preview shows how black text looks on a background with the Hex color 742500.



This preview shows how white text looks on a background with the Hex color 742500.

# 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**  
742500

**Protanopia**  
49410C

**Deuteranopia**  
523E00



**Tritanopia**  
752224

# Trichromacy



**Original Color**  
742500

**Protanomaly**  
593708

**Deuteranomaly**  
5E3500

**Tritanomaly**  
752317

# Monochromacy



**Original Color**  
742500

**Achromatopsia**  
383838

**Achromatomaly**  
4E3124

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 742500 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 #742500 looks like.

```
.text, #text, p{  
    color:#742500  
}
```

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 #742500 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #742500
}
```

## Border

The CSS property to change the border of an element to Hex 742500 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
#742500 }
```

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

```
.border{ border-color:#742500 }
```

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

Here you see how a box with a 4 pixel #742500 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #742500; -webkit-box-shadow:4px 4px  
4px 4px #742500; box-shadow:4px 4px 4px  
4px #742500 }
```

# Background

The CSS property to change the background color of an element to Hex 742500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#742500 }
```

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

```
.background{ background-color:#742500 }
```

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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