

Converting Colors

Hex(742400)

Have a look what the booklet for
Hex(742400) contains.

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Color

Hex(742400)

Conversions

Conversions Part 1

Format	Color
Hex	742400
RGB	116, 36, 0
RGB Percent	45%, 14%, 0%
CMY	0.5451, 0.8588, 1.0000
CMYK	0.00, 0.69, 1.00, 0.55
HSL	19°, 100%, 23%
HSV	19°, 100%, 45%
XYZ	7.8333, 4.9748, 0.5474
YIQ	55.8160, 59.2360, 5.7640

Conversions

Conversions Part 2

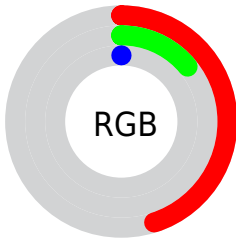
Format	Color
RYB	116, 52, 0
Decimal	7611392
CIELab	26.66, 33.70, 38.14
CIELCh	27, 50.896, 48.538
Yxy	4.9748, 0.5865, 0.3725
Android (android.graphics.Color)	4285801472 (0xFF742400)
YUV	55.8160, -27.5173, 52.7814
Hunter-Lab	22.3042, 23.6578, 14.1579

Details

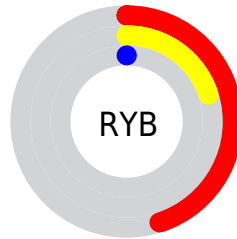
The Hex color **742400** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **005074**, and the grayscale version is **383838**.

A 20% lighter version of the original color is **AE552F**, and **3C0000** is the 20% darker color. If you saturate the color by 10%, you get **742400**, and if you desaturate by 10%, it is **742C0C**.

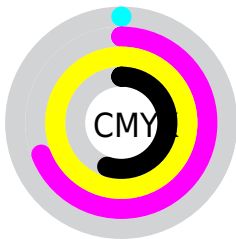
Distribution



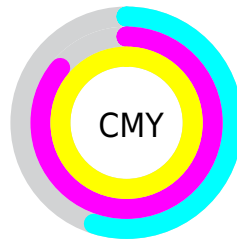
- Red (45%)
- Green (14%)
- Blue (0%)



- Red (45%)
- Yellow (20%)
- Blue (0%)



- Cyan (0%)
- Magenta (69%)
- Yellow (100%)
- Black (55%)



- Cyan (55%)
- Magenta (86%)
- Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 742400 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 742400 by changing the saturation by 10% instead.

 742400

 742400

 FFFFE5

 580900

 AE552F

 3C0000

 CC6E47

 210001

 EB895F

 000000

 FFA378

 FFBF92

 FFDBAD

 FFF8C9

 742400

 742C0C

 743417

 743C23

 74442E

 744C3A

 745446

 745C51

 74645D

 746C68

Harmonies

Analogous

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



810729



742400



5B3800

Triad

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



742400



004E2E



003C8A

Complementary

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



742400



005074

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



742400



004F57

Square

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



742400



004B01



004E79



5D2673

Rectangle

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



742400



444100



004E79



00418D

Sweetspot

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



742400



967769



740051



4D3A31



CCCCCC



4D4D4D

Same Dimension

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



742400



962F00



745D00



3B3735



7A2600



FA4E00

Inverse Universe

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



005074



006896



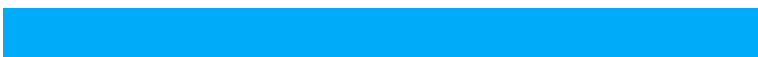
001774



35393B



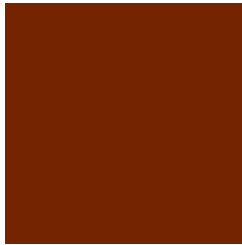
00547A



00ACFA

Previews

White Background



This preview shows how the Hex color 742400 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

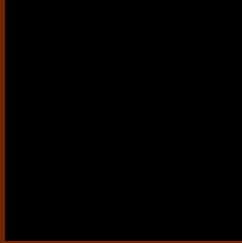
Any Text WCAG AA × Fail

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 742400 Background



This preview shows how black text looks on a background with the Hex color 742400.



This preview shows how white text looks on a background with the Hex color 742400.

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
742400

Protanopia
49410D

Deuteranopia
513D00

Trichromacy



Original Color

742400

Protanomaly

593608

Deuteranomaly

5E3400

Tritanomaly

752316

Monochromacy



Original Color

742400

Achromatopsia

383838

Achromatomaly

4E3124

CSS Examples

Text

The CSS property to change the color of the text to Hex 742400 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 #742400 looks like.

```
.text, #text, p{  
    color:#742400  
}
```

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 #742400 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #742400
}
```

Border

The CSS property to change the border of an element to Hex 742400 is called "border". The border property can be set on classes, ids or directly on the HTML element.

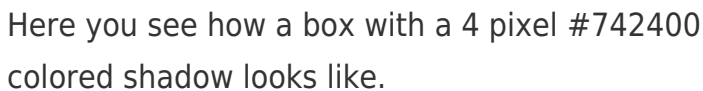
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#742400 }
```

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

```
.border{ border-color:#742400 }
```

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



Here you see how a box with a 4 pixel #742400 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #742400; -webkit-box-shadow:4px 4px  
4px 4px #742400; box-shadow:4px 4px 4px  
4px #742400 }
```

Background

The CSS property to change the background color of an element to Hex 742400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#742400 }
```

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

```
.background{ background-color:#742400 }
```

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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