

Converting Colors

Hex(752D00)

Have a look what the booklet for
Hex(752D00) contains.

Hex(752D00)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(752D00)

Conversions

Conversions Part 1

Format	Color
Hex	752D00
RGB	117, 45, 0
RGB Percent	46%, 18%, 0%
CMY	0.5412, 0.8235, 1.0000
CMYK	0.00, 0.62, 1.00, 0.54
HSL	23°, 100%, 23%
HSV	23°, 100%, 46%
XYZ	8.2745, 5.6587, 0.6561
YIQ	61.3980, 57.3570, 1.2690

Conversions

Conversions Part 2

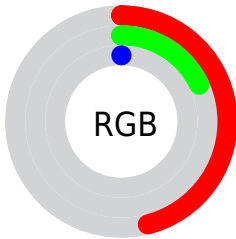
Format	Color
RYB	117, 73, 0
Decimal	7679232
CIELab	28.53, 29.64, 39.81
CIELCh	29, 49.635, 53.331
Yxy	5.6587, 0.5672, 0.3879
Android (android.graphics.Color)	4285869312 (0xFF752D00)
YUV	61.3980, -30.2692, 48.7630
Hunter-Lab	23.7880, 20.4612, 15.0162

Details

The Hex color **752D00** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **004875**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **AF5D30**, and **3D0000** is the 20% darker color. If you saturate the color by 10%, you get **752D00**, and if you desaturate by 10%, it is **75340C**.

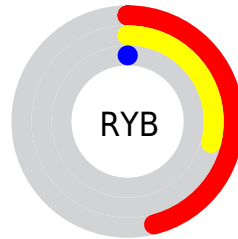
Distribution



Red (46%)

Green (18%)

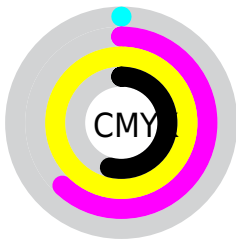
Blue (0%)



Red (46%)

Yellow (29%)

Blue (0%)

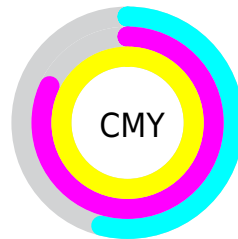


Cyan (0%)

Magenta (62%)

Yellow (100%)

Black (54%)



Cyan (54%)

Magenta (82%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 752D00 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 752D00 by changing the saturation by 10% instead.

 752D00

 752D00

 FFFFE7

 591500

 AF5D30

 3D0000

 CD7748

 250001

 EB9160

 000000

 FFAC7A

 FFC794

 FFE3AF

 FFFFCB

 752D00

 75340C

 753B17

 754323

 754A2F

 75513B

 755846

 755F52

 75675E

 756E69

Harmonies

Analogous

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



841728



752D00



5B3F00

Triad

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



752D00



005339



293D8A

Complementary

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



752D00



004875

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.



004B90



752D00



005461

Square

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



752D00



005010



005281



682872

Rectangle

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



752D00



444700



005281



00428F

Sweetspot

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



752D00



997D6B



750048



4D3C31



CCCCCC



4D4D4D

Same Dimension

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



752D00



993B00



756700



3B3735



7A2F00



FA6000

Inverse Universe

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



004875



005E99



000E75



35383B



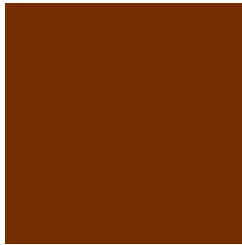
004B7A



009AFA

Previews

White Background



This preview shows how the Hex color 752D00 looks on a white background.

Color Contrast Check

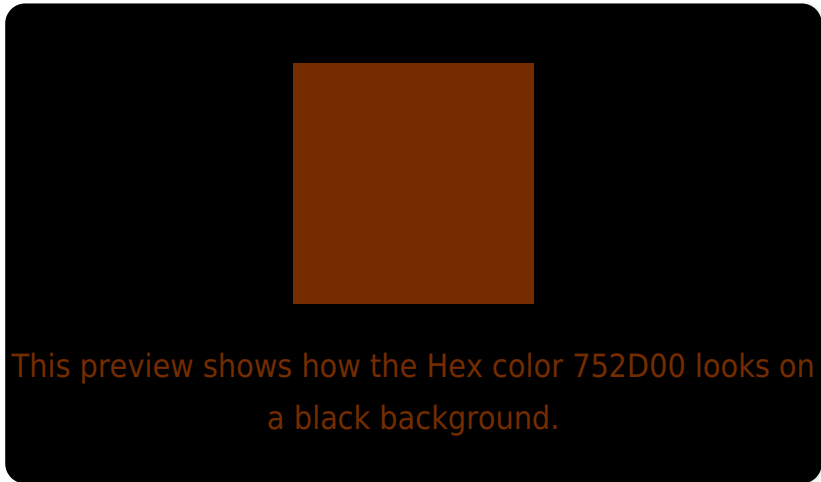
Large Text (above 18pt) WCAG AA ✓ Pass

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

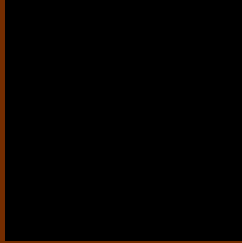
Any Text WCAG AA × Fail

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 752D00 Background



This preview shows how black text looks on a background with the Hex color 752D00.



This preview shows how white text looks on a background with the Hex color 752D00.

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
752D00

Protanopia
4D450C

Deuteranopia
564100

Trichromacy



Original Color
752D00

Protanomaly
5C3C08

Deuteranomaly
613A00

Tritanomaly
762B1C

Monochromacy



Original Color
752D00

Achromatopsia
3D3D3D

Achromatomaly
513727

CSS Examples

Text

The CSS property to change the color of the text to Hex 752D00 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 #752D00 looks like.

```
.text, #text, p{  
    color:#752D00  
}
```

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 #752D00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #752D00
}
```

Border

The CSS property to change the border of an element to Hex 752D00 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".

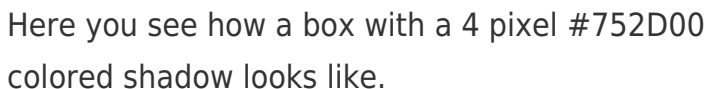
```
.border, #border, table{ border:4px solid
#752D00 }
```

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

```
.border{ border-color:#752D00 }
```

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

Here you see how a box with a 4 pixel #752D00 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #752D00; -webkit-box-shadow:4px 4px  
4px 4px #752D00; box-shadow:4px 4px 4px  
4px #752D00 }
```

Background

The CSS property to change the background color of an element to Hex 752D00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#752D00 }
```

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

```
.background{ background-color:#752D00 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor