

Converting Colors

Hex(793E18)

Have a look what the booklet for
Hex(793E18) contains.

Hex(793E18)	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(793E18)

Conversions

Conversions Part 1

Format	Color
Hex	793E18
RGB	121, 62, 24
RGB Percent	47%, 24%, 9%
CMY	0.5255, 0.7569, 0.9059
CMYK	0.00, 0.49, 0.80, 0.53
HSL	24°, 67%, 28%
HSV	24°, 80%, 47%
XYZ	9.7727, 7.5761, 1.8114
YIQ	75.3090, 47.3620, 0.6900

Conversions

Conversions Part 2

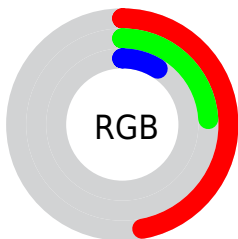
Format	Color
R _Y B	121, 86, 24
Decimal	7945752
CIE Lab	33.08, 22.67, 33.57
CIE LCh	33, 40.509, 55.969
Yxy	7.5761, 0.5100, 0.3954
Android (android.graphics.Color)	4286135832 (0xFF793E18)
YUV	75.3090, -25.2953, 40.0710
Hunter-Lab	27.5248, 15.2079, 15.3655

Details

The Hex color **793E18** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **185379**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **B26E46**, and **431100** is the 20% darker color. If you saturate the color by 10%, you get **79370C**, and if you desaturate by 10%, it is **794524**.

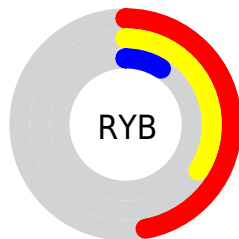
Distribution



Red (47%)

Green (24%)

Blue (9%)



Red (47%)

Yellow (34%)

Blue (9%)

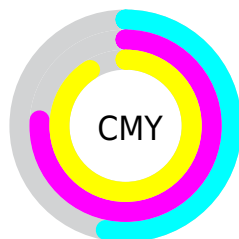


Cyan (0%)

Magenta (49%)

Yellow (80%)

Black (53%)



Cyan (53%)

Magenta (76%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 793E18 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 793E18 by changing the saturation by 10% instead.

 793E18

 793E18

FFFFFF

 5E2700

 B26E46

 431100

 CF885E

 2A0000

 EDA377

 000000

 FFBE91

 FFDAAC

 FFF6C7

 FFFFE4

 793E18

 793E18

■ 79370C

■ 794524

■ 792F00

■ 794D30

■ 79543C

■ 795B48

■ 796354

■ 796A61

■ 79726D

■ 797979

■ 798085

Harmonies

Analogous

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



863234



793E18



614B04

Triad

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



793E18



005D48



454788

Complementary

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



793E18



185379

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.



00538E



793E18



005D69

Square

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



793E18



135A28



005A82



703972

Rectangle

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



793E18



4E5205



005A82



2E4C8C

Sweetspot

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



793E18



9E8778



791854



4F4138



CFCFCF



4F4F4F

Same Dimension

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



793E18



9E4206



796E18



3D3937



7D3100



FC6300

Inverse Universe

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



185379



06639E



182379



373B3D



004C7D



009AFC

Previews

White Background



This preview shows how the Hex color 793E18 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

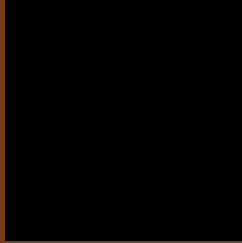
Any Text WCAG AA × Fail

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 793E18 Background



This preview shows how black text looks on a background with the Hex color 793E18.



This preview shows how white text looks on a background with the Hex color 793E18.

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
793E18

Protanopia
584F1C

Deuteranopia
634B13



Tritanopia
7B3A3E

Trichromacy



Original Color
793E18

Protanomaly
64491B

Deuteranomaly
6B4615

Tritanomaly
7A3B30

Monochromacy



Original Color
793E18

Achromatopsia
4B4B4B

Achromatomaly
5C4638

CSS Examples

Text

The CSS property to change the color of the text to Hex 793E18 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 #793E18 looks like.

```
.text, #text, p{  
    color:#793E18  
}
```

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 #793E18 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #793E18
}
```

Border

The CSS property to change the border of an element to Hex 793E18 is called "border". The border property can be set on classes, ids or directly on the HTML element.

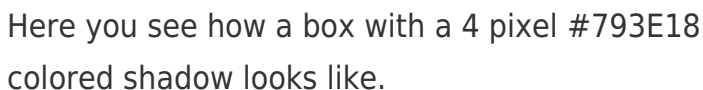
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#793E18 }
```

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

```
.border{ border-color:#793E18 }
```

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



Here you see how a box with a 4 pixel #793E18 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #793E18; -webkit-box-shadow:4px 4px  
4px 4px #793E18; box-shadow:4px 4px 4px  
4px #793E18 }
```

Background

The CSS property to change the background color of an element to Hex 793E18 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#793E18 }
```

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

```
.background{ background-color:#793E18 }
```

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