

Converting Colors

Hex(755943)

Have a look what the booklet for
Hex(755943) contains.

Hex(755943)	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(755943)

Conversions

Conversions Part 1

Format	Color
Hex	755943
RGB	117, 89, 67
RGB Percent	46%, 35%, 26%
CMY	0.5412, 0.6510, 0.7373
CMYK	0.00, 0.24, 0.43, 0.54
HSL	26°, 27%, 36%
HSV	26°, 43%, 46%
XYZ	11.9216, 11.3319, 6.8691
YIQ	94.8640, 23.7500, -0.9060

Conversions

Conversions Part 2

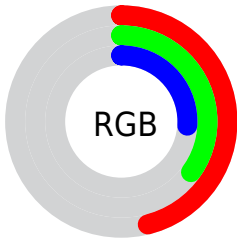
Format	Color
R_{YB}	117, 106, 67
Decimal	7690563
CIE _{Lab}	40.13, 8.33, 17.16
CIE _{LCh}	40, 19.079, 64.117
Yxy	11.3319, 0.3958, 0.3762
Android (android.graphics.Color)	4285880643 (0xFF755943)
YUV	94.8640, -13.7370, 19.4133
Hunter-Lab	33.6629, 4.3051, 11.4655

Details

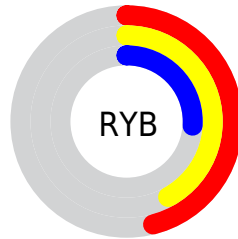
The Hex color **755943** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **435F75**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **AA8B73**, and **432C18** is the 20% darker color. If you saturate the color by 10%, you get **755237**, and if you desaturate by 10%, it is **75604F**.

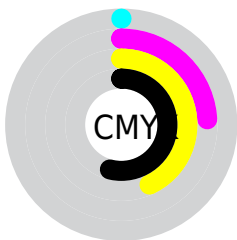
Distribution



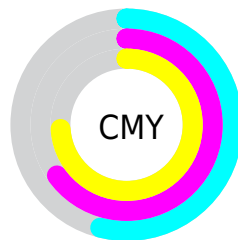
- Red (46%)
- Green (35%)
- Blue (26%)



- Red (46%)
- Yellow (42%)
- Blue (26%)



- Cyan (0%)
- Magenta (24%)
- Yellow (43%)
- Black (54%)



- Cyan (54%)
- Magenta (65%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color 755943 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 755943 by changing the saturation by 10% instead.

 755943

 755943

FFFFFF

 5C422D

 AA8B73

 432C18

 C6A58D

 2D1700

 E2C0A7

 140000

 FFDCC2

 000000

 FFF9DE

 FFFFFB

 755943

 755943

 755237

 75604F

 754C2C

 75665A

 754520

 756D66

 753F14

 757372

 753809

 757A7E

 753300

 758089

 758795

 758DA1

 7594AC

Harmonies

Analogous

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



7D554E



755943



685E3F

Triad

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



755943



346760



645A78

Complementary

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



755943



435F75

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.



4E5F7D



755943



2D676F

Square

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



755943



456651



38647A



74556C

Rectangle

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



755943



5D6142



38647A



5D5C7B

Sweetspot

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



755943



998E85



75435F



4D4640



CCCCCC



4D4D4D

Same Dimension

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



755943



996D4B



757243



3B3735



7A3600



FA6E00

Inverse Universe

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



435F75



4B7799



434675



35383B



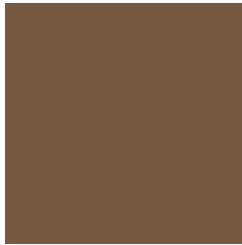
00457A



008CFA

Previews

White Background



This preview shows how the Hex color 755943 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 × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

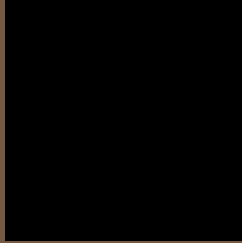
Any Text WCAG AA × Fail

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 755943 Background



This preview shows how black text looks on a background with the Hex color 755943.



This preview shows how white text looks on a background with the Hex color 755943.

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
755943

Protanopia
665F45

Deuteranopia
715B43



Tritanopia
77565C

Trichromacy



Original Color
755943

Protanomaly
6B5D44

Deuteranomaly
725A43

Tritanomaly
765753

Monochromacy



Original Color
755943

Achromatopsia
5F5F5F

Achromatomaly
675D55

CSS Examples

Text

The CSS property to change the color of the text to Hex 755943 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 #755943 looks like.

```
.text, #text, p{  
    color:#755943  
}
```

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 #755943 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #755943
}
```

Border

The CSS property to change the border of an element to Hex 755943 is called "border". The border property can be set on classes, ids or directly on the HTML element.

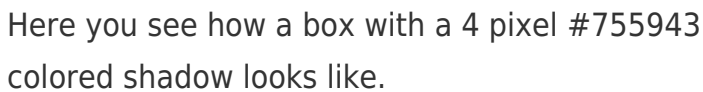
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#755943 }
```

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

```
.border{ border-color:#755943 }
```

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



Here you see how a box with a 4 pixel #755943 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #755943; -webkit-box-shadow:4px 4px  
4px 4px #755943; box-shadow:4px 4px 4px  
4px #755943 }
```

Background

The CSS property to change the background color of an element to Hex 755943 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#755943 }
```

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

```
.background{ background-color:#755943 }
```

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