

Converting Colors

Hex(758B44)

Have a look what the booklet for
Hex(758B44) contains.

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Color

Hex(758B44)

Conversions

Conversions Part 1

Format	Color
Hex	758B44
RGB	117, 139, 68
RGB Percent	46%, 55%, 27%
CMY	0.5412, 0.4549, 0.7333
CMYK	0.16, 0.00, 0.51, 0.45
HSL	79°, 34%, 41%
HSV	79°, 51%, 55%
XYZ	17.6121, 22.6645, 8.9153
YIQ	124.3280, 9.6790, -26.7450

Conversions

Conversions Part 2

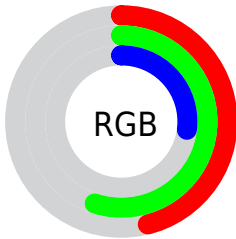
Format	Color
RYB	68, 139, 90
Decimal	7703364
CIELab	54.73, -19.80, 35.09
CIElCh	55, 40.291, 119.426
Yxy	22.6645, 0.3580, 0.4607
Android (android.graphics.Color)	4285893444 (0xFF758B44)
YUV	124.3280, -27.7697, -6.4267
Hunter-Lab	47.6072, -17.2773, 22.2220

Details

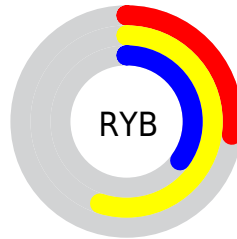
The Hex color **758B44** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **5A448B**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **AAC176**, and **435914** is the 20% darker color. If you saturate the color by 10%, you get **718B36**, and if you desaturate by 10%, it is **798B52**.

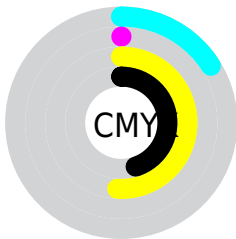
Distribution



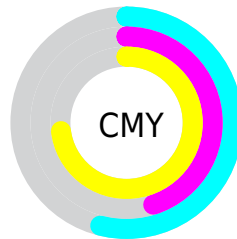
- Red (46%)
- Green (55%)
- Blue (27%)



- Red (27%)
- Yellow (55%)
- Blue (35%)



- Cyan (16%)
- Magenta (0%)
- Yellow (51%)
- Black (45%)



- Cyan (54%)
- Magenta (45%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 758B44 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 758B44 by changing the saturation by 10% instead.



758B44



758B44

FFFFFF



5B712C



AAC176



435914



C6DC90



2B4100



E3F9AB



132B00



FFFFC7



001900



FFFFE3



000000



758B44



758B44



718B36



798B52



6C8B28



7E8B60

 688B1A

 828B6E

 648B0C

 868B7C

 608B00

 8B8B8A

 8F8B97

 938BA5

 978BB3

 9C8BC1

Harmonies

Analogous

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



98813B



758B44



49925E

Triad

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



758B44



0090BE



C26685

Complementary

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



758B44



5A448B

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.



AD6DA7



758B44



4487C8

Square

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



758B44



0094A4



847AC0



C36963

Rectangle

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



758B44



199475



847AC0



BD6791

Sweetspot

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



758B44



ADB59A



8B5944



575C4B



DBDBDB



5C5C5C

Same Dimension

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



758B44



93B547



528B44



43453E



5C8500



040500

Inverse Universe

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



5A448B



6947B5



7D448B



403E45



290085



020005

Previews

White Background



This preview shows how the Hex color 758B44 looks on a white background.

Color Contrast Check

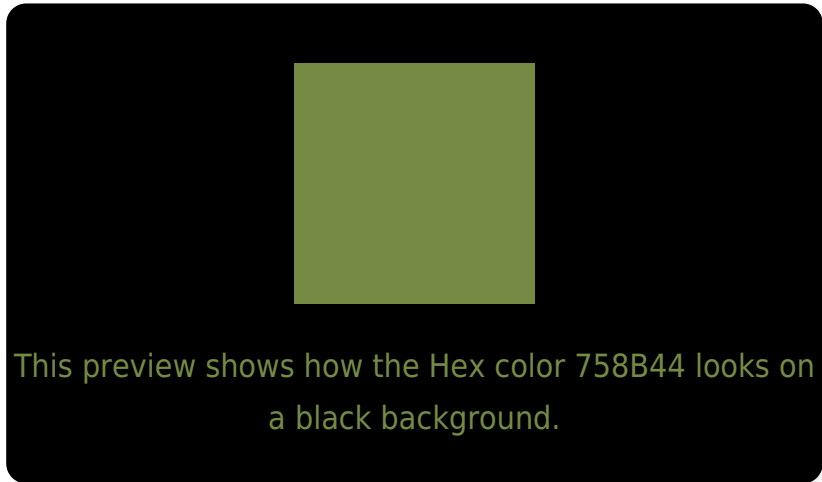
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

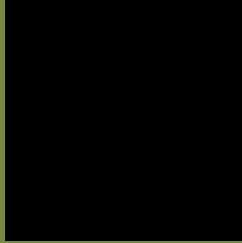
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex 758B44 Background



This preview shows how black text looks on a background with the Hex color 758B44.



This preview shows how white text looks on a background with the Hex color 758B44.

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
758B44

Protanopia
908341

Deuteranopia
A07D48



Tritanopia
7E838D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 758B44 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 #758B44 looks like.

```
.text, #text, p{  
    color:#758B44  
}
```

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 #758B44 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #758B44  
}
```

Border

The CSS property to change the border of an element to Hex 758B44 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  
#758B44 }
```

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

```
.border{ border-color:#758B44 }
```

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

Here you see how a box with a 4 pixel #758B44 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #758B44; -webkit-box-shadow:4px 4px  
4px 4px #758B44; box-shadow:4px 4px 4px  
4px #758B44 }
```

Background

The CSS property to change the background color of an element to Hex 758B44 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#758B44 }
```

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

```
.background{ background-color:#758B44 }
```

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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