

Converting Colors

Hex(758C63)

Have a look what the booklet for
Hex(758C63) contains.

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Color

Hex(758C63)

Conversions

Conversions Part 1

Format	Color
Hex	758C63
RGB	117, 140, 99
RGB Percent	46%, 55%, 39%
CMY	0.5412, 0.4510, 0.6118
CMYK	0.16, 0.00, 0.29, 0.45
HSL	94°, 17%, 47%
HSV	94°, 29%, 55%
XYZ	18.9663, 23.4389, 15.3289
YIQ	128.4490, -0.5470, -17.6270

Conversions

Conversions Part 2

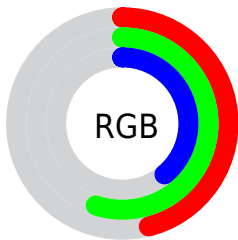
Format	Color
R_{YB}	99, 140, 122
Decimal	7703651
CIE _{Lab}	55.52, -16.10, 19.27
CIE _{LCh}	56, 25.112, 129.882
Yxy	23.4389, 0.3285, 0.4060
Android (android.graphics.Color)	4285893731 (0xFF758C63)
YUV	128.4490, -14.5184, -10.0408
Hunter-Lab	48.4138, -14.7958, 15.1171

Details

The Hex color **758C63** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **7A638C**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **AAC296**, and **445A34** is the 20% darker color. If you saturate the color by 10%, you get **6D8C55**, and if you desaturate by 10%, it is **7D8C71**.

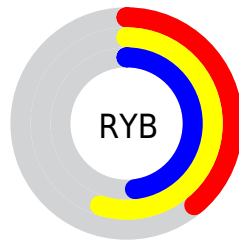
Distribution



Red (46%)

Green (55%)

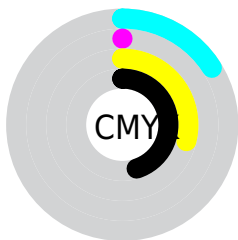
Blue (39%)



Red (39%)

Yellow (55%)

Blue (48%)

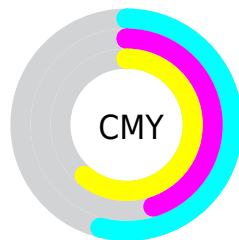


Cyan (16%)

Magenta (0%)

Yellow (29%)

Black (45%)



Cyan (54%)

Magenta (45%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color 758C63 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 758C63 by changing the saturation by 10% instead.



758C63



758C63

FFFFFF



5C724B



AAC296



445A34



C5DEB1



2D421E



E1FACC



182C07



FEFEE9



001900



000000



758C63



758C63



6D8C55



7D8C71



658C47



858C7F

 5D8C39

 8D8C8D

 568C2B

 948C9B

 4E8C1D

 9C8CA9

 468C0F

 A48CB7

 3E8C01

 AC8CC5

 3D8C00

 B48CD3

 BC8CE1

Harmonies

Analogous

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



8D865A



758C63



5C9075

Triad

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



758C63



538BAD



B0757E

Complementary

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



758C63



7A638C

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.



A77794



758C63



7385B0

Square

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



758C63



4090A0



917DA6



AE786A

Rectangle

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



758C63



4C9184



917DA6



AE7586

Sweetspot

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



758C63



ACB5A5



8C7A63



565C52



DBDBDB



5C5C5C

Same Dimension

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



758C63



92B576



638C65



41453E



3A8500



020500

Inverse Universe

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



7A638C



9976B5



8C638A



423E45



4A0085



030005

Previews

White Background



This preview shows how the Hex color 758C63 looks on a white background.

Color Contrast Check

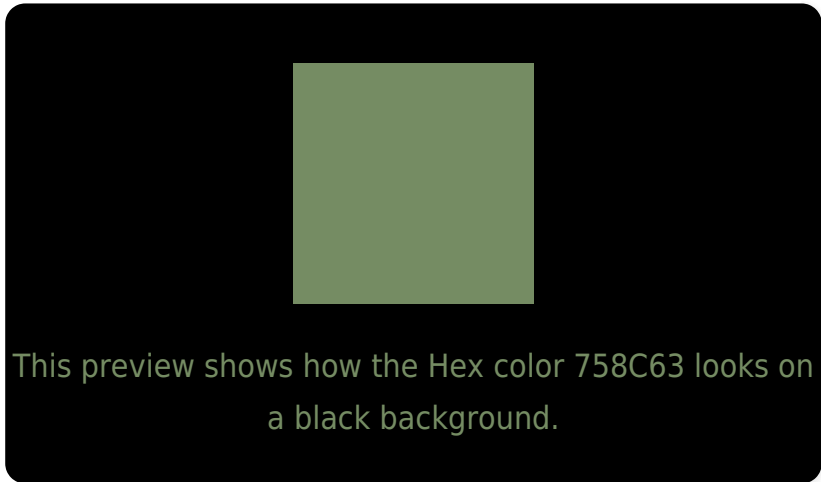
Large Text (above 18pt) WCAG AA ✓ Pass

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

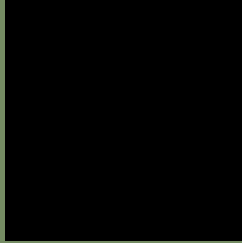
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

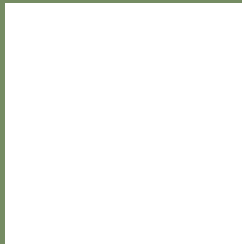
Any Text WCAG AAA × Fail

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

Hex 758C63 Background



This preview shows how black text looks on a background with the Hex color 758C63.



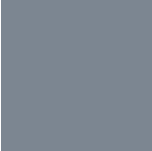
This preview shows how white text looks on a background with the Hex color 758C63.

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





Tritanopia
7C8691

Trichromacy



Original Color
758C63

Protanomaly
868861

Deuteranomaly
8E8465

Tritanomaly
798880

Monochromacy



Original Color
758C63

Achromatopsia
808080

Achromatomaly
7C8475

CSS Examples

Text

The CSS property to change the color of the text to Hex 758C63 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 #758C63 looks like.

```
.text, #text, p{  
    color:#758C63  
}
```

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 #758C63 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #758C63
}
```

Border

The CSS property to change the border of an element to Hex 758C63 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
#758C63 }
```

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

```
.border{ border-color:#758C63 }
```

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

Here you see how a box with a 4 pixel #758C63 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #758C63; -webkit-box-shadow:4px 4px  
4px 4px #758C63; box-shadow:4px 4px 4px  
4px #758C63 }
```

Background

The CSS property to change the background color of an element to Hex 758C63 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#758C63 }
```

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

```
.background{ background-color:#758C63 }
```

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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