

Converting Colors

Hex(748475)

Have a look what the booklet for
Hex(748475) contains.

Hex(748475)	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(748475)

Conversions

Conversions Part 1

Format	Color
Hex	748475
RGB	116, 132, 117
RGB Percent	45%, 52%, 46%
CMY	0.5451, 0.4824, 0.5412
CMYK	0.12, 0.00, 0.11, 0.48
HSL	124°, 6%, 49%
HSV	124°, 12%, 52%
XYZ	18.6646, 21.4999, 19.9958
YIQ	125.5060, -4.7210, -8.0570

Conversions

Conversions Part 2

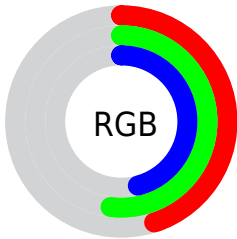
Format	Color
R_{YB}	116, 131, 132
Decimal	7636085
CIE _{Lab}	53.49, -8.91, 6.13
CIE _{LCh}	53, 10.819, 145.468
Yxy	21.4999, 0.3102, 0.3574
Android (android.graphics.Color)	4285826165 (0xFF748475)
YUV	125.5060, -4.1935, -8.3368
Hunter-Lab	46.3680, -9.2919, 6.8893

Details

The Hex color **748475** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **847483**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **A8B9A9**, and **445345** is the 20% darker color. If you saturate the color by 10%, you get **678469**, and if you desaturate by 10%, it is **818481**.

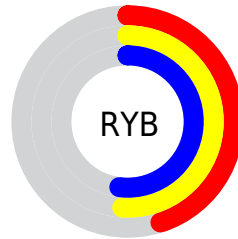
Distribution



Red (45%)

Green (52%)

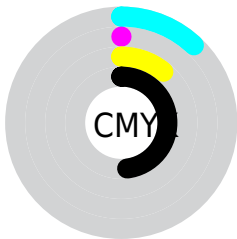
Blue (46%)



Red (45%)

Yellow (51%)

Blue (52%)

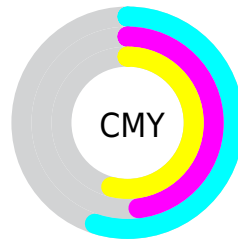


Cyan (12%)

Magenta (0%)

Yellow (11%)

Black (48%)



Cyan (55%)

Magenta (48%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 748475 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 748475 by changing the saturation by 10% instead.

 748475

 748475

FFFFFF

 5B6B5C

 A8B9A9

 445345

 C3D5C4

 2D3B2F

 DFF1E0

 18261A

 FCFFFD

 001100

 000000

 748475

 748475

 678469

 818481

 5A845C

 8E848E

 4C8450

 9C849A

 3F8443

 A984A7

 328437

 B684B3

 25842B

 C384BF

 18841E

 D084CC

 0A8412

 DE84D8

 008408

 EB84E4

Harmonies

Analogous

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



7F826F



748475



6C857E

Triad

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



748475



748192



947A78

Complementary

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



748475



847483

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.



927A82



748475



807E91

Square

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



748475



6B848F



8B7B8A



907C71

Rectangle

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



748475



688584



8B7B8A



947A7B

Sweetspot

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



748475



A4ABA4



838474



525753



D6D6D6



575757

Same Dimension

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



748475



91AB93



74847D



3C423C



008208



000300

Inverse Universe

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



847483



AB91A9



84747B



423C42



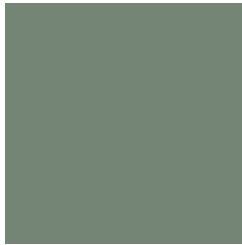
82007A



030002

Previews

White Background



This preview shows how the Hex color 748475 looks on a white background.

Color Contrast Check

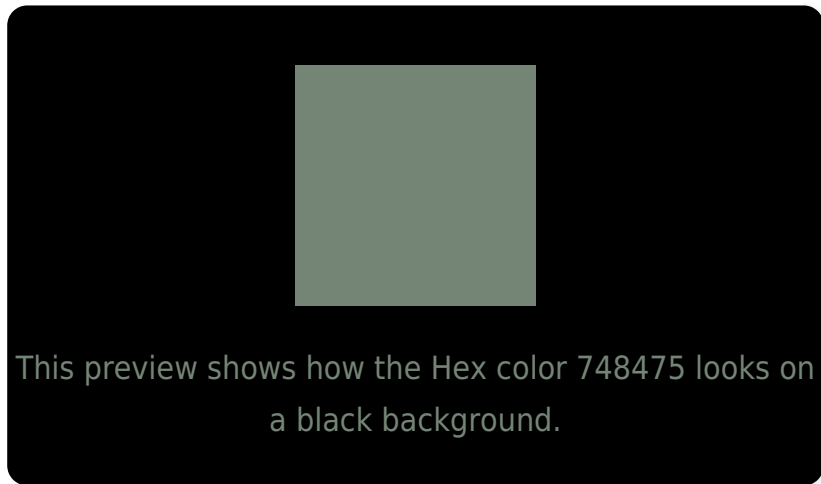
Large Text (above 18pt) WCAG AA ✓ Pass

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

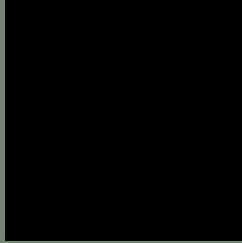
Any Text WCAG AA ✓ Pass

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 748475 Background



This preview shows how black text looks on a background with the Hex color 748475.



This preview shows how white text looks on a background with the Hex color 748475.

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

748475

Protanopia

857F72

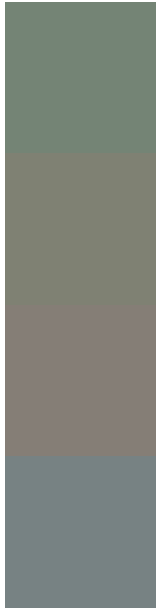
Deuteranopia

8F7B77



Tritanopia
78818B

Trichromacy



Original Color
748475

Protanomaly
7F8173

Deuteranomaly
857E76

Tritanomaly
778283

Monochromacy



Original Color
748475

Achromatopsia
7E7E7E

Achromatomaly
7A807B

CSS Examples

Text

The CSS property to change the color of the text to Hex 748475 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 #748475 looks like.

```
.text, #text, p{  
    color:#748475  
}
```

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 #748475 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #748475
}
```

Border

The CSS property to change the border of an element to Hex 748475 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
#748475 }
```

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

```
.border{ border-color:#748475 }
```

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

Here you see how a box with a 4 pixel #748475 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #748475; -webkit-box-shadow:4px 4px  
4px 4px #748475; box-shadow:4px 4px 4px  
4px #748475 }
```

Background

The CSS property to change the background color of an element to Hex 748475 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#748475 }
```

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

```
.background{ background-color:#748475 }
```

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