

# Converting Colors

Hex(748542)

Have a look what the booklet for  
Hex(748542) contains.

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**Color**

**Hex(748542)**

# Conversions

## Conversions Part 1

Format	Color
Hex	748542
RGB	116, 133, 66
RGB Percent	45%, 52%, 26%
CMY	0.5451, 0.4784, 0.7412
CMYK	0.13, 0.00, 0.50, 0.48
HSL	75°, 34%, 39%
HSV	75°, 50%, 52%
XYZ	16.5734, 20.8814, 8.3113
YIQ	120.2790, 11.3750, -24.4410

# Conversions

## Conversions Part 2

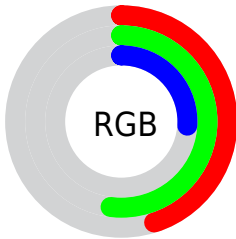
<b>Format</b>	<b>Color</b>
<b>RYB</b>	66, 133, 83
Decimal	7636290
CIELab	52.82, -17.30, 33.81
CIElCh	53, 37.983, 117.094
Yxy	20.8814, 0.3621, 0.4563
Android (android.graphics.Color)	4285826370 (0xFF748542)
YUV	120.2790, -26.7595, -3.7527
Hunter-Lab	45.6962, -15.2289, 21.2036

# Details

The Hex color **748542** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **534285**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **A9BA74**, and **425312** is the 20% darker color. If you saturate the color by 10%, you get **718535**, and if you desaturate by 10%, it is **77854F**.

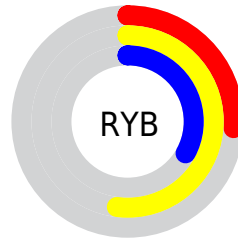
# Distribution



Red (45%)

Green (52%)

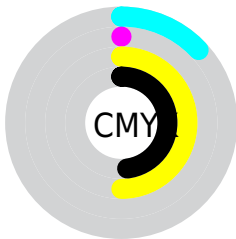
Blue (26%)



Red (26%)

Yellow (52%)

Blue (33%)

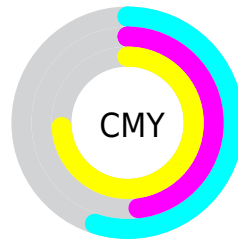


Cyan (13%)

Magenta (0%)

Yellow (50%)

Black (48%)



Cyan (55%)

Magenta (48%)

Yellow (74%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 748542 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 748542 by changing the saturation by 10% instead.





748542



748542

FFFFFF



5B6C2A



A9BA74



425312



C5D68E



2B3C00



E1F2A8



132600



FEFFC4



001200



FFFFE0



000000

FFFFFFD



748542



748542



718535



77854F

 6D8527

 7B855D

 6A851A

 7E856A

 67850D

 818577

 638500

 858585

 888592

 8C859F

 8F85AC

 9285BA

# Harmonies

## Analogous

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



957B3B



748542



4C8C59

# Triad

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



748542



008AB4



B96383

# Complementary

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



748542



534285

# 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.



A46BA2



748542



3F82BF

# Square

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



748542



008E9B



7C77B8



BB6662

# Rectangle

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



748542



268E6E



7C77B8



B4658E



# Sweetspot

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



748542



A7AD93



855342



535747



D6D6D6



575757



# Same Dimension

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



748542



93AD45



538542



41423C



618200



020300



# Inverse Universe

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



534285



6045AD



744285



3D3C42



210082



010003



# Previews

## White Background



This preview shows how the Hex color 748542 looks on a white background.

## Color Contrast Check

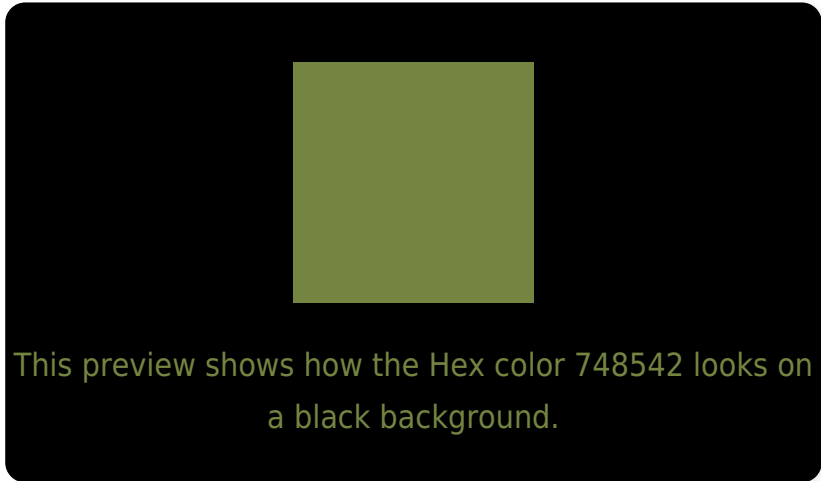
Large Text (above 18pt) WCAG AA ✓ Pass

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

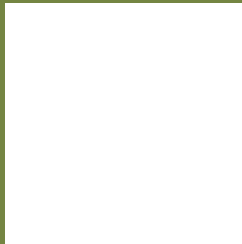
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 748542 Background



This preview shows how black text looks on a background with the Hex color 748542.



This preview shows how white text looks on a background with the Hex color 748542.

# 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**

748542

**Protanopia**

8B7E40

**Deuteranopia**

9A7845



**Tritanopia**  
7C7D87

# Trichromacy



**Original Color**  
748542

**Protanomaly**  
838141

**Deuteranomaly**  
8C7D44

**Tritanomaly**  
79806E

# Monochromacy



**Original Color**  
748542

**Achromatopsia**  
787878

**Achromatomaly**  
777D64

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 748542 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 #748542 looks like.

```
.text, #text, p{  
    color:#748542  
}
```

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 #748542 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #748542
}
```

## Border

The CSS property to change the border of an element to Hex 748542 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
#748542 }
```

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

```
.border{ border-color:#748542 }
```

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

Here you see how a box with a 4 pixel #748542 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #748542; -webkit-box-shadow:4px 4px  
4px 4px #748542; box-shadow:4px 4px 4px  
4px #748542 }
```

# Background

The CSS property to change the background color of an element to Hex 748542 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#748542 }
```

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

```
.background{ background-color:#748542 }
```

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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