

# Converting Colors

Hex(785942)

Have a look what the booklet for  
Hex(785942) contains.

<b>Hex(785942)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(785942)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	785942
RGB	120, 89, 66
RGB Percent	47%, 35%, 26%
CMY	0.5294, 0.6510, 0.7412
CMYK	0.00, 0.26, 0.45, 0.53
HSL	26°, 29%, 36%
HSV	26°, 45%, 47%
XYZ	12.3015, 11.5312, 6.7316
YIQ	95.6470, 25.8590, -0.5810

# Conversions

## Conversions Part 2

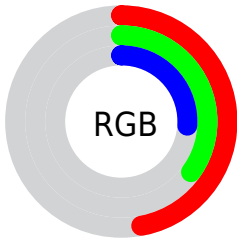
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	120, 106, 66
Decimal	7887170
CIE Lab	40.46, 9.55, 18.26
CIE LCh	40, 20.609, 62.397
Yxy	11.5312, 0.4025, 0.3773
Android (android.graphics.Color)	4286077250 (0xFF785942)
YUV	95.6470, -14.6160, 21.3576
Hunter-Lab	33.9576, 5.2377, 12.0169

# Details

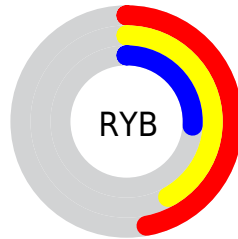
The Hex color **785942** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **426178**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **AE8B72**, and **462B17** is the 20% darker color. If you saturate the color by 10%, you get **785236**, and if you desaturate by 10%, it is **78604E**.

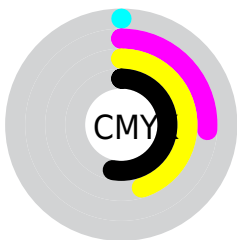
# Distribution



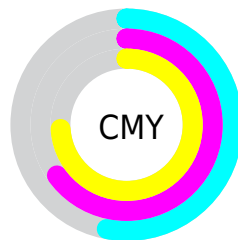
- Red (47%)
- Green (35%)
- Blue (26%)



- Red (47%)
- Yellow (42%)
- Blue (26%)



- Cyan (0%)
- Magenta (26%)
- Yellow (45%)
- Black (53%)



- Cyan (53%)
- Magenta (65%)
- Yellow (74%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 785942 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 785942 by changing the saturation by 10% instead.



 785942

 785942

FFFFFF

 5E422C

 AE8B72

 462B17

 CAA58C

 2F1700

 E6C0A6

 170000

 FFDCC1

 000000

 FFF9DD

 FFFFFA

 785942

 785942

 785236

 78604E

 784B2A

 78675A

 78441E

 786E66

 783D12

 787572

 783706

 787B7E

 783300

 78828A

 788996

 7890A2

 7897AE

# Harmonies

## Analogous

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



80544E



785942



6A5F3E

# Triad

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



785942



316960



635B7C

# Complementary

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



785942



426178

# 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.



4B6081



785942



276871

# Square

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



785942



44674F



33657D



76556F

# Rectangle

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



785942



5E6240



33657D



5C5D7E



# Sweetspot

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



785942



9C8F86



784261



4F4742



CFCFCF



4F4F4F



# Same Dimension

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



785942



9C6B48



787342



3D3A37



7D3500



FC6C00



# Inverse Universe

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



426178



48789C



424678



373B3D



00487D

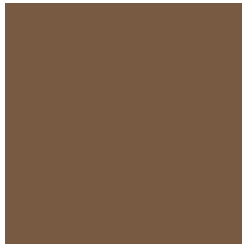


0091FC



# Previews

## White Background



This preview shows how the Hex color 785942 looks on a white background.

## Color Contrast Check

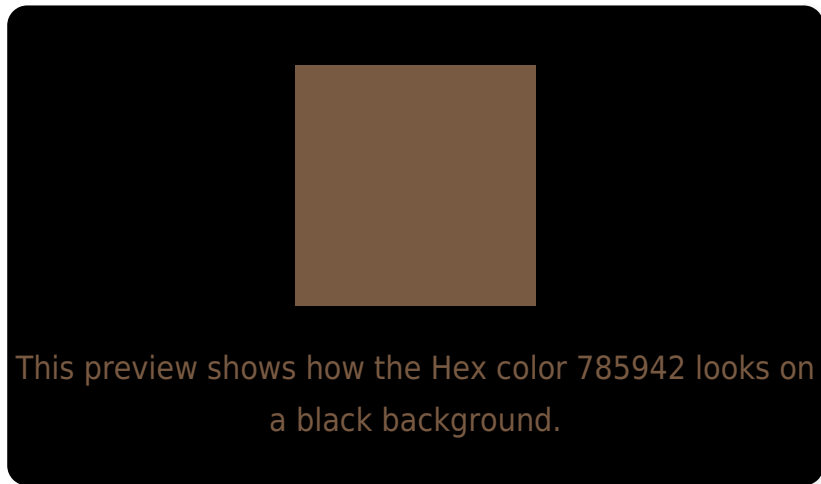
Large Text (above 18pt) WCAG AA ✓ Pass

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

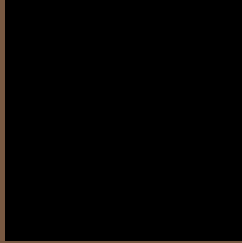
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 785942 Background



This preview shows how black text looks on a background with the Hex color 785942.



This preview shows how white text looks on a background with the Hex color 785942.

# 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**  
785942

**Protanopia**  
676045

**Deuteranopia**  
725C41



**Tritanopia**  
7A565C

# Trichromacy



**Original Color**  
785942

**Protanomaly**  
6D5D44

**Deuteranomaly**  
745B41

**Tritanomaly**  
795753

# Monochromacy



**Original Color**  
785942

**Achromatopsia**  
606060

**Achromatomaly**  
695D55

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 785942 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 #785942 looks like.

```
.text, #text, p{  
    color:#785942  
}
```

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 #785942 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #785942
}
```

## Border

The CSS property to change the border of an element to Hex 785942 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
#785942 }
```

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

```
.border{ border-color:#785942 }
```

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

Here you see how a box with a 4 pixel #785942 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #785942; -webkit-box-shadow:4px 4px  
4px 4px #785942; box-shadow:4px 4px 4px  
4px #785942 }
```

# Background

The CSS property to change the background color of an element to Hex 785942 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#785942 }
```

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

```
.background{ background-color:#785942 }
```

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