

# Converting Colors

Hex(785933)

Have a look what the booklet for  
Hex(785933) contains.

<b>Hex(785933)</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(785933)**

# Conversions

## Conversions Part 1

Format	Color
Hex	785933
RGB	120, 89, 51
RGB Percent	47%, 35%, 20%
CMY	0.5294, 0.6510, 0.8000
CMYK	0.00, 0.26, 0.58, 0.53
HSL	33°, 40%, 34%
HSV	33°, 57%, 47%
XYZ	11.9156, 11.3768, 4.6999
YIQ	93.9370, 30.6740, -5.2460

# Conversions

## Conversions Part 2

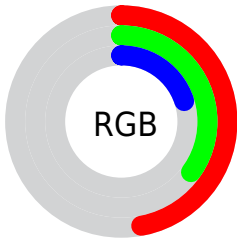
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	107, 120, 51
Decimal	7887155
CIE Lab	40.21, 7.97, 26.75
CIE LCh	40, 27.914, 73.416
Yxy	11.3768, 0.4257, 0.4064
Android (android.graphics.Color)	4286077235 (0xFF785933)
YUV	93.9370, -21.1679, 22.8573
Hunter-Lab	33.7296, 4.0319, 15.3492

# Details

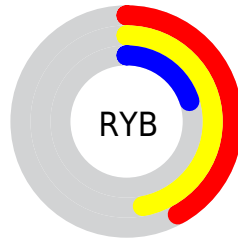
The Hex color **785933** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **335278**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **AE8B62**, and **452C05** is the 20% darker color. If you saturate the color by 10%, you get **785427**, and if you desaturate by 10%, it is **785E3F**.

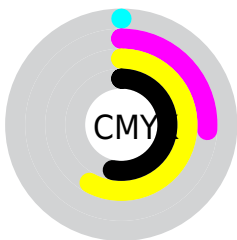
# Distribution



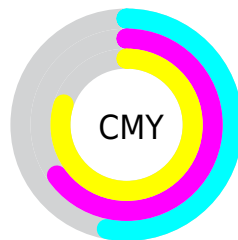
- Red (47%)
- Green (35%)
- Blue (20%)



- Red (42%)
- Yellow (47%)
- Blue (20%)



- Cyan (0%)
- Magenta (26%)
- Yellow (58%)
- Black (53%)



- Cyan (53%)
- Magenta (65%)
- Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 785933 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 785933 by changing the saturation by 10% instead.



 785933

 785933

FFFFFF

 5E421D

 AE8B62

 452C05

 CAA57C

 2D1700

 E7C096

 130000

 FFDCB0

 000000

 FFF9CC

 FFFFE8

 785933

 785933

 785427

 785E3F

■ 784E1B

■ 78644B

■ 78490F

■ 786957

■ 784303

■ 786F63

■ 784200

■ 78746F

■ 78797B

■ 787F87

■ 788493

■ 788A9F

# Harmonies

## Analogous

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



865140



785933



636131

# Triad

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



785933



006B69



6E5580

# Complementary

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



785933



335278

# 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.



4D5E8B



785933



00697D

# Square

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



785933



2B6A51



1F658A



834E6C

# Rectangle

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



785933



536538



1F658A



645885



# Sweetspot

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



785933



9C9081



783352



4F483F



CFCFCF



4F4F4F



# Same Dimension

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



785933



9C6B30



757833



3D3A37



7D4500



FC8B00



# Inverse Universe

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



335278



30609C



363378



373A3D



00387D



0071FC



# Previews

## White Background



This preview shows how the Hex color 785933 looks on a white background.

## Color Contrast Check

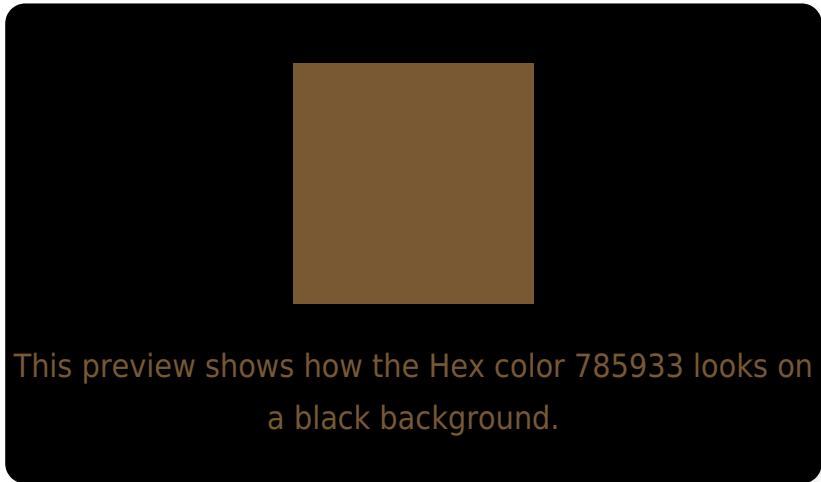
Large Text (above 18pt) WCAG AA ✓ Pass

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

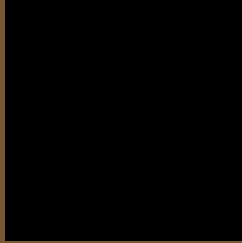
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 785933 Background



This preview shows how black text looks on a background with the Hex color 785933.



This preview shows how white text looks on a background with the Hex color 785933.

# 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**  
785933

**Protanopia**  
685F35

**Deuteranopia**  
745B33



**Tritanopia**  
7B545B

# Trichromacy



**Original Color**  
785933

**Protanomaly**  
6E5D34

**Deuteranomaly**  
755A33

**Tritanomaly**  
7A564C

# Monochromacy



**Original Color**  
785933

**Achromatopsia**  
5E5E5E

**Achromatomaly**  
675C4E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 785933 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 #785933 looks like.

```
.text, #text, p{  
    color:#785933  
}
```

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 #785933 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #785933
}
```

## Border

The CSS property to change the border of an element to Hex 785933 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
#785933 }
```

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

```
.border{ border-color:#785933 }
```

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

Here you see how a box with a 4 pixel #785933 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #785933; -webkit-box-shadow:4px 4px  
4px 4px #785933; box-shadow:4px 4px 4px  
4px #785933 }
```

# Background

The CSS property to change the background color of an element to Hex 785933 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#785933 }
```

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

```
.background{ background-color:#785933 }
```

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