

# Converting Colors

Hex(785027)

Have a look what the booklet for  
Hex(785027) contains.

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**Color**

**Hex(785027)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	785027
RGB	120, 80, 39
RGB Percent	47%, 31%, 15%
CMY	0.5294, 0.6863, 0.8471
CMYK	0.00, 0.33, 0.67, 0.53
HSL	30°, 51%, 31%
HSV	30°, 68%, 47%
XYZ	10.9806, 9.8769, 3.2471
YIQ	87.2860, 37.0010, -4.2710

# Conversions

## Conversions Part 2

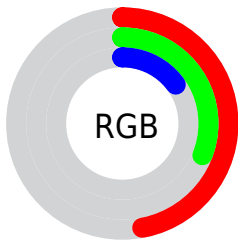
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	118, 120, 39
Decimal	7884839
CIE <sub>Lab</sub>	37.62, 12.40, 30.43
CIE <sub>LCh</sub>	38, 32.856, 67.835
Yxy	9.8769, 0.4555, 0.4098
Android (android.graphics.Color)	4286074919 (0xFF785027)
YUV	87.2860, -23.8050, 28.6902
Hunter-Lab	31.4275, 7.3688, 15.8733

# Details

The Hex color **785027** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **274F78**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **AF8156**, and **442300** is the 20% darker color. If you saturate the color by 10%, you get **784A1B**, and if you desaturate by 10%, it is **785633**.

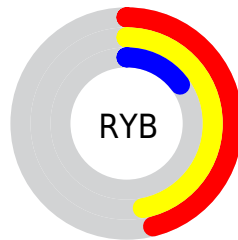
# Distribution



Red (47%)

Green (31%)

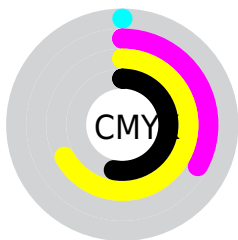
Blue (15%)



Red (46%)

Yellow (47%)

Blue (15%)

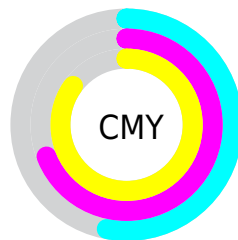


Cyan (0%)

Magenta (33%)

Yellow (67%)

Black (53%)



Cyan (53%)

Magenta (69%)

Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 785027 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 785027 by changing the saturation by 10% instead.



 785027

 785027

FFFFFF

 5D3911

 AF8156

 442300

 CC9B6E

 2B0F00

 E9B688

 060000

 FFD2A3

 000000

 FFEEBE

 FFFFDA

 FFFFF6

 785027

 785027

■ 784A1B

■ 785633

■ 78440F

■ 785C3F

■ 783E03

■ 78624B

■ 783D00

■ 786857

■ 786E63

■ 78746F

■ 78797B

■ 787F87

■ 788593

# Harmonies

## Analogous

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



874739



785027



615922

# Triad

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



785027



00665F



644F83

# Complementary

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



785027



274F78

# 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.



37598D



785027



006578

# Square

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



785027



1D6444



006189



7F456D

# Rectangle

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



785027



4F5E28



006189



575288



# Sweetspot

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



785027



9C8C7C



78274F



4F463C



CFCFCF



4F4F4F



# Same Dimension

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



785027



9C5D1E



787827



3D3A37



7D3F00



FC8000



# Inverse Universe

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



274F78



1E5C9C



272778



373A3D



003E7D



007DFC



# Previews

## White Background



This preview shows how the Hex color 785027 looks on a white background.

## Color Contrast Check

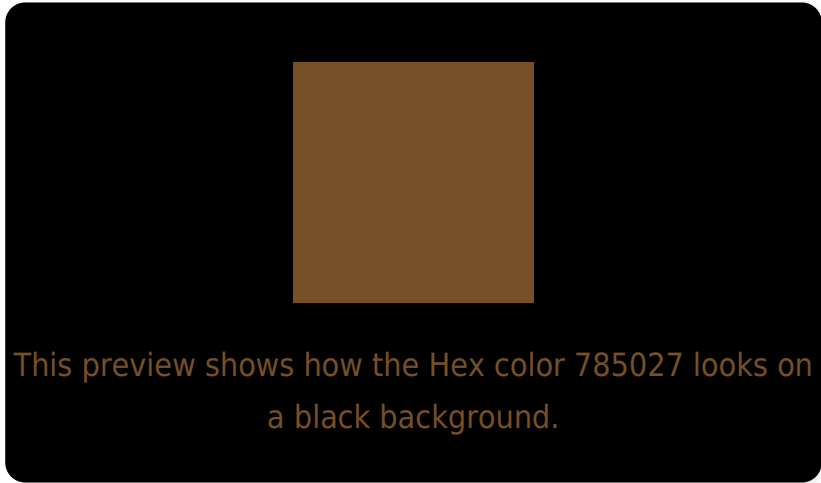
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

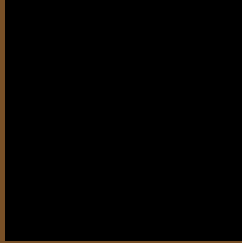
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 785027 Background



This preview shows how black text looks on a background with the Hex color 785027.



This preview shows how white text looks on a background with the Hex color 785027.

# 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**  
785027

**Protanopia**  
63592A

**Deuteranopia**  
6E5526



**Tritanopia**  
7B4B51

# Trichromacy



**Original Color**  
785027

**Protanomaly**  
6B5629

**Deuteranomaly**  
725326

**Tritanomaly**  
7A4D42

# Monochromacy



**Original Color**  
785027

**Achromatopsia**  
575757

**Achromatomaly**  
635446

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 785027 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 #785027 looks like.

```
.text, #text, p{  
    color:#785027  
}
```

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 #785027 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #785027  
}
```

## Border

The CSS property to change the border of an element to Hex 785027 is called "border". The border property can be set on classes, ids or directly on the HTML element.

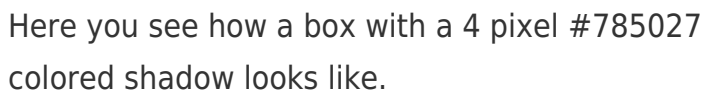
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#785027 }
```

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

```
.border{ border-color:#785027 }
```

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



Here you see how a box with a 4 pixel #785027 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #785027; -webkit-box-shadow:4px 4px  
4px 4px #785027; box-shadow:4px 4px 4px  
4px #785027 }
```

# Background

The CSS property to change the background color of an element to Hex 785027 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#785027 }
```

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

```
.background{ background-color:#785027 }
```

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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