

Converting Colors

Hex(786147)

Have a look what the booklet for
Hex(786147) contains.

Hex(786147)	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(786147)

Conversions

Conversions Part 1

Format	Color
Hex	786147
RGB	120, 97, 71
RGB Percent	47%, 38%, 28%
CMY	0.5294, 0.6196, 0.7216
CMYK	0.00, 0.19, 0.41, 0.53
HSL	32°, 26%, 37%
HSV	32°, 41%, 47%
XYZ	13.1578, 12.9974, 7.7765
YIQ	100.9130, 22.0540, -3.2100

Conversions

Conversions Part 2

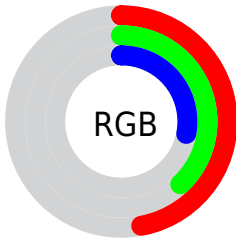
Format	Color
R_{YB}	114, 120, 71
Decimal	7889223
CIE _{Lab}	42.76, 5.38, 18.33
CIE _{LCh}	43, 19.103, 73.642
Yxy	12.9974, 0.3878, 0.3830
Android (android.graphics.Color)	4286079303 (0xFF786147)
YUV	100.9130, -14.7471, 16.7393
Hunter-Lab	36.0519, 2.0558, 12.4473

Details

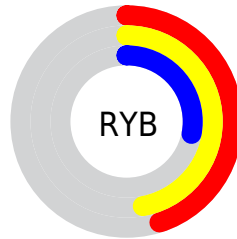
The Hex color **786147** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **475E78**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **AD9478**, and **46331B** is the 20% darker color. If you saturate the color by 10%, you get **785B3B**, and if you desaturate by 10%, it is **786753**.

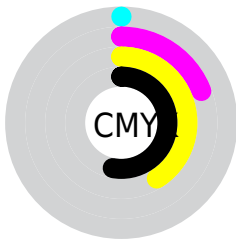
Distribution



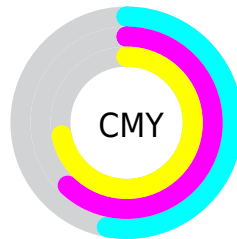
- Red (47%)
- Green (38%)
- Blue (28%)



- Red (45%)
- Yellow (47%)
- Blue (28%)



- Cyan (0%)
- Magenta (19%)
- Yellow (41%)
- Black (53%)



- Cyan (53%)
- Magenta (62%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 786147 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 786147 by changing the saturation by 10% instead.



786147



786147

FFFFFF



5F4930



AD9478



46331B



C9AE91



2F1E02



E5C9AC



180500



FFE6C7



000000



FFFFE3



786147



786147



785B3B



786753



78562F



786C5F

■ 785023

■ 78726B

■ 784A17

■ 787877

■ 78450B

■ 787D83

■ 784000

■ 78838F

■ 78889B

■ 788EA7

■ 7894B3

Harmonies

Analogous

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



825C50



786147



696646

Triad

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



786147



376E6C



705E7C

Complementary

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



786147



475E78

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.



5B6483



786147



366C7A

Square

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



786147



456D5C



456983



7F5A6E

Rectangle

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



786147



5D694A



456983



6A607F

Sweetspot

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



786147



9C9389



78475F



4F4A44



CFCFCF



4F4F4F

Same Dimension

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



786147



9C784F



777847



3D3A37



7D4200



FC8600

Inverse Universe

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



475E78



4F739C



484778



373A3D



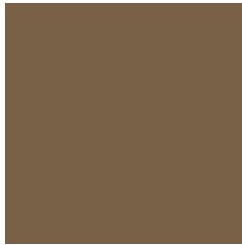
003B7D



0076FC

Previews

White Background



This preview shows how the Hex color 786147 looks on a white background.

Color Contrast Check

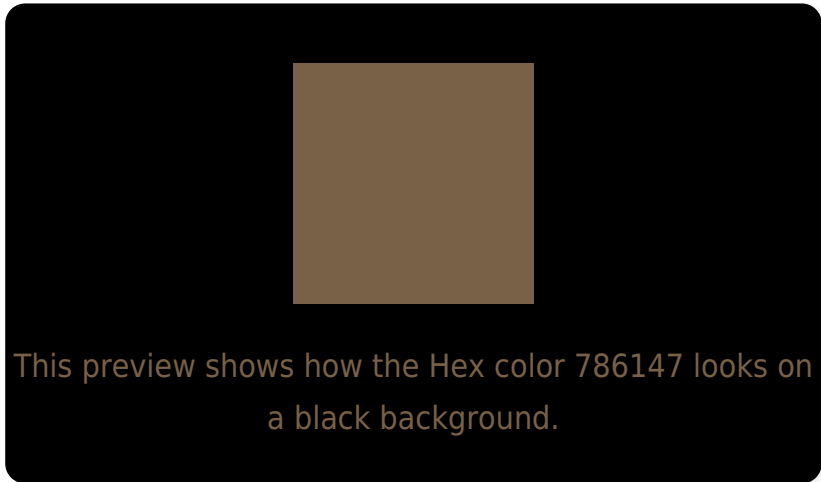
Large Text (above 18pt) WCAG AA ✓ Pass

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

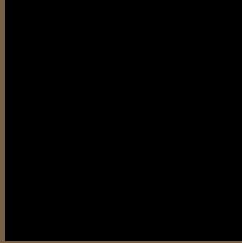
Any Text WCAG AA × Fail

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 786147 Background



This preview shows how black text looks on a background with the Hex color 786147.



This preview shows how white text looks on a background with the Hex color 786147.

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
786147

Protanopia
6D6549

Deuteranopia
786147



Tritanopia
7B5D64

Trichromacy



Original Color
786147

Protanomaly
716448

Deuteranomaly
786147

Tritanomaly
7A5E59

Monochromacy



Original Color
786147

Achromatopsia
656565

Achromatomaly
6C645A

CSS Examples

Text

The CSS property to change the color of the text to Hex 786147 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 #786147 looks like.

```
.text, #text, p{  
    color:#786147  
}
```

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 #786147 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #786147
}
```

Border

The CSS property to change the border of an element to Hex 786147 is called "border". The border property can be set on classes, ids or directly on the HTML element.

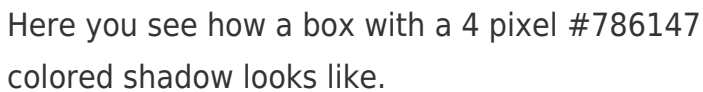
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#786147 }
```

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

```
.border{ border-color:#786147 }
```

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



Here you see how a box with a 4 pixel #786147 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #786147; -webkit-box-shadow:4px 4px  
4px 4px #786147; box-shadow:4px 4px 4px  
4px #786147 }
```

Background

The CSS property to change the background color of an element to Hex 786147 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#786147 }
```

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

```
.background{ background-color:#786147 }
```

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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