

Converting Colors

Hex(786B37)

Have a look what the booklet for
Hex(786B37) contains.

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Color

Hex(786B37)

Conversions

Conversions Part 1

Format	Color
Hex	786B37
RGB	120, 107, 55
RGB Percent	47%, 42%, 22%
CMY	0.5294, 0.5804, 0.7843
CMYK	0.00, 0.11, 0.54, 0.53
HSL	48°, 37%, 34%
HSV	48°, 54%, 47%
XYZ	13.6930, 14.7843, 5.7464
YIQ	104.9590, 24.4400, -13.4160

Conversions

Conversions Part 2

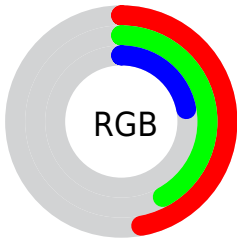
Format	Color
R_{YB}	71, 120, 55
Decimal	7891767
CIE _{Lab}	45.34, -2.27, 30.73
CIE _{LCh}	45, 30.818, 94.226
Yxy	14.7843, 0.4001, 0.4320
Android (android.graphics.Color)	4286081847 (0xFF786B37)
YUV	104.9590, -24.6298, 13.1910
Hunter-Lab	38.4504, -3.7204, 18.0544

Details

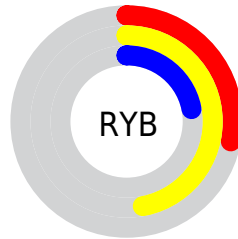
The Hex color **786B37** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **374478**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **AE9E67**, and **453C09** is the 20% darker color. If you saturate the color by 10%, you get **78692B**, and if you desaturate by 10%, it is **786D43**.

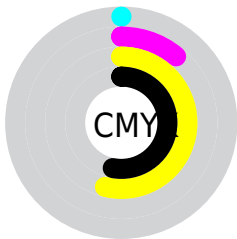
Distribution



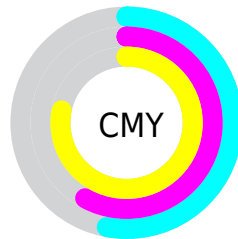
- Red (47%)
- Green (42%)
- Blue (22%)



- Red (28%)
- Yellow (47%)
- Blue (22%)



- Cyan (0%)
- Magenta (11%)
- Yellow (54%)
- Black (53%)



- Cyan (53%)
- Magenta (58%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 786B37 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 786B37 by changing the saturation by 10% instead.



786B37



786B37

FFFFFF



5E5320



AE9E67



453C09



CAB981



2E2600



E6D59B



151200



FFF1B6



000000



FFFFD2



FFFEE



786B37



786B37



78692B



786D43

■ 78661F

■ 78704F

■ 786413

■ 78725B

■ 786107

■ 787567

■ 786000

■ 787773

■ 78797F

■ 787C8B

■ 787E97

■ 7881A3

Harmonies

Analogous

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



8E623D



786B37



5D7240

Triad

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



786B37



007887



8E5A82

Complementary

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



786B37



374478

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.



736396



786B37



037499

Square

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



786B37



05796E



496D9E



9C5769

Rectangle

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



786B37



48764C



496D9E



875D8A

Sweetspot

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



786B37



9C9783



783744



4F4C40



CFCFCF



4F4F4F

Same Dimension

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



786B37



9C8736



647837



3D3C37



7D6400



FCCA00

Inverse Universe

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



374478



364B9C



4A3778



37383D



00197D



0032FC

Previews

White Background



This preview shows how the Hex color 786B37 looks on a white background.

Color Contrast Check

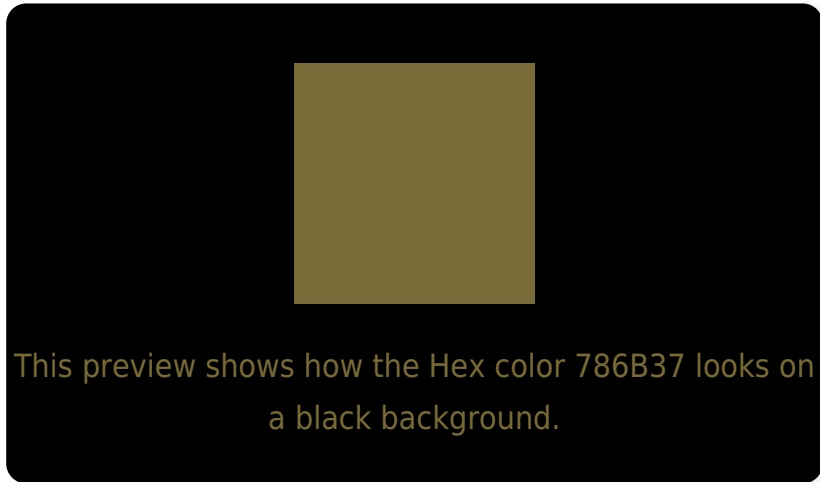
Large Text (above 18pt) WCAG AA ✓ Pass

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

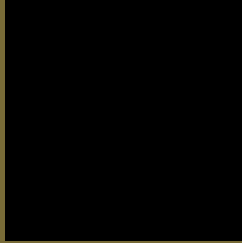
Any Text WCAG AA × Fail

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 786B37 Background



This preview shows how black text looks on a background with the Hex color 786B37.



This preview shows how white text looks on a background with the Hex color 786B37.

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


786B37

Protanopia

776C37

Deuteranopia

846638



Tritanopia
7D656D

Trichromacy



Original Color
786B37

Protanomaly
776C37

Deuteranomaly
806838

Tritanomaly
7B6759

Monochromacy



Original Color
786B37

Achromatopsia
696969

Achromatomaly
6E6A57

CSS Examples

Text

The CSS property to change the color of the text to Hex 786B37 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 #786B37 looks like.

```
.text, #text, p{  
    color:#786B37  
}
```

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 #786B37 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #786B37
}
```

Border

The CSS property to change the border of an element to Hex 786B37 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
#786B37 }
```

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

```
.border{ border-color:#786B37 }
```

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

Here you see how a box with a 4 pixel #786B37 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #786B37; -webkit-box-shadow:4px 4px  
4px 4px #786B37; box-shadow:4px 4px 4px  
4px #786B37 }
```

Background

The CSS property to change the background color of an element to Hex 786B37 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#786B37 }
```

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

```
.background{ background-color:#786B37 }
```

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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