

Converting Colors

Hex(786557)

Have a look what the booklet for
Hex(786557) contains.

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Color

Hex(786557)

Conversions

Conversions Part 1

Format	Color
Hex	786557
RGB	120, 101, 87
RGB Percent	47%, 40%, 34%
CMY	0.5294, 0.6039, 0.6588
CMYK	0.00, 0.16, 0.27, 0.53
HSL	25°, 16%, 41%
HSV	25°, 27%, 47%
XYZ	14.1197, 13.9886, 10.9727
YIQ	105.0850, 15.8180, -0.3260

Conversions

Conversions Part 2

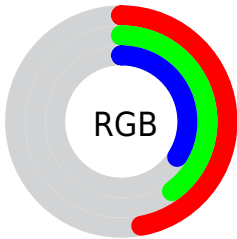
Format	Color
R _Y B	120, 111, 87
Decimal	7890263
CIE Lab	44.22, 5.25, 10.75
CIE LCh	44, 11.966, 63.950
Yxy	13.9886, 0.3613, 0.3579
Android (android.graphics.Color)	4286080343 (0xFF786557)
YUV	105.0850, -8.9159, 13.0805
Hunter-Lab	37.4013, 1.9350, 8.7865

Details

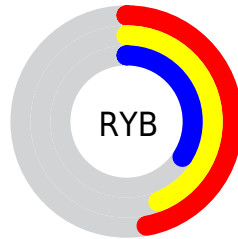
The Hex color **786557** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **576A78**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **AD9889**, and **47362A** is the 20% darker color. If you saturate the color by 10%, you get **785E4B**, and if you desaturate by 10%, it is **786C63**.

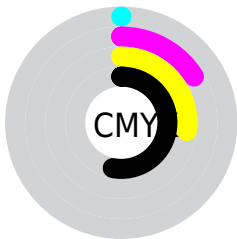
Distribution



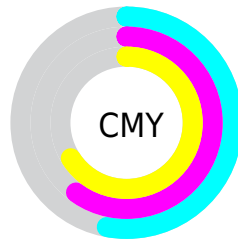
- Red (47%)
- Green (40%)
- Blue (34%)



- Red (47%)
- Yellow (44%)
- Blue (34%)



- Cyan (0%)
- Magenta (16%)
- Yellow (27%)
- Black (53%)



- Cyan (53%)
- Magenta (60%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color 786557 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 786557 by changing the saturation by 10% instead.



786557



786557

FFFFFF



5F4D40



AD9889



47362A



C8B3A3



302115



E4CEBE



1C0B00



FFEADA



000000



FFFFF6



786557



786557



785E4B



786C63



78573F



78736F

■ 785033

■ 787A7B

■ 784927

■ 788187

■ 78421B

■ 788893

■ 783C0F

■ 788E9F

■ 783503

■ 7895AB

■ 783300

■ 789CB7

■ 78A3C3

Harmonies

Analogous

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



7D625E



786557



6F6855

Triad

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



786557



516E6A



6C6679

Complementary

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



786557



576A78

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.



5F697C



786557



4E6E73

Square

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



786557



596D60



546C7A



776371

Rectangle

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



786557



686A56



546C7A



68677B

Sweetspot

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



786557



9C948F



78576A



4F4A47



CFCFCF



4F4F4F

Same Dimension

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



786557



9C7E68



787557



3D3A37



7D3500



FC6B00

Inverse Universe

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



576A78



68869C



575A78



373B3D



00487D



0091FC

Previews

White Background



This preview shows how the Hex color 786557 looks on a white background.

Color Contrast Check

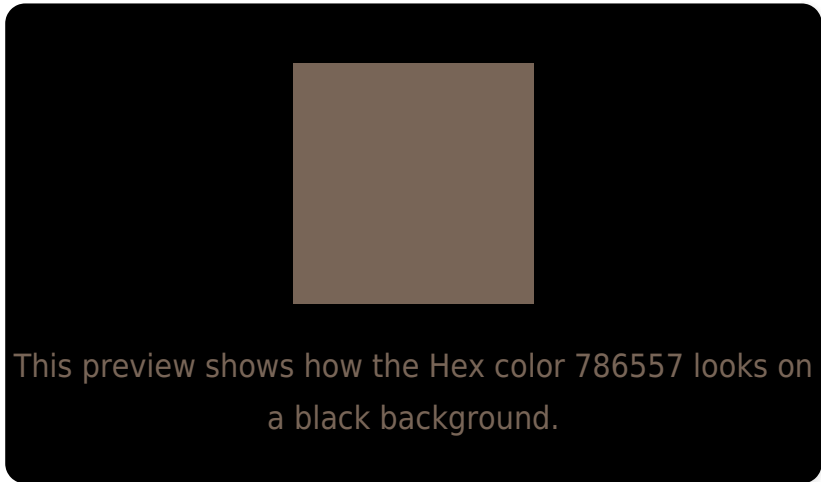
Large Text (above 18pt) WCAG AA ✓ Pass

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

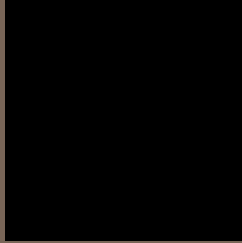
Any Text WCAG AA × Fail

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 786557 Background



This preview shows how black text looks on a background with the Hex color 786557.



This preview shows how white text looks on a background with the Hex color 786557.

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
786557

Protanopia
6E6859

Deuteranopia
796557



Tritanopia
7A626A

Trichromacy



Original Color

786557

Protanomaly

726758

Deuteranomaly

796557

Tritanomaly

796363

Monochromacy



Original Color

786557

Achromatopsia

696969

Achromatomaly

6E6862

CSS Examples

Text

The CSS property to change the color of the text to Hex 786557 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 #786557 looks like.

```
.text, #text, p{  
    color:#786557  
}
```

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 #786557 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #786557
}
```

Border

The CSS property to change the border of an element to Hex 786557 is called "border". The border property can be set on classes, ids or directly on the HTML element.

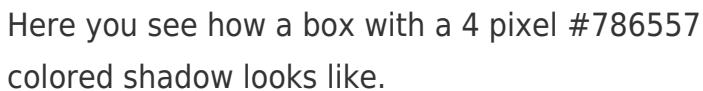
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#786557 }
```

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

```
.border{ border-color:#786557 }
```

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



Here you see how a box with a 4 pixel #786557 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #786557; -webkit-box-shadow:4px 4px  
4px 4px #786557; box-shadow:4px 4px 4px  
4px #786557 }
```

Background

The CSS property to change the background color of an element to Hex 786557 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#786557 }
```

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

```
.background{ background-color:#786557 }
```

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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