

Converting Colors

Hex(687757)

Have a look what the booklet for
Hex(687757) contains.

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Color

Hex(687757)

Conversions

Conversions Part 1

Format	Color
Hex	687757
RGB	104, 119, 87
RGB Percent	41%, 47%, 34%
CMY	0.5922, 0.5333, 0.6588
CMYK	0.13, 0.00, 0.27, 0.53
HSL	88°, 16%, 40%
HSV	88°, 27%, 47%
XYZ	14.0260, 16.8248, 11.5251
YIQ	110.8670, 1.3320, -13.1320

Conversions

Conversions Part 2

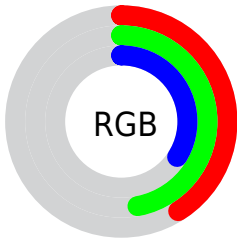
Format	Color
R_YB	87, 119, 102
Decimal	6846295
CIE Lab	48.04, -11.81, 15.80
CIE LCh	48, 19.727, 126.761
Yxy	16.8248, 0.3310, 0.3970
Android (android.graphics.Color)	4285036375 (0xFF687757)
YUV	110.8670, -11.7664, -6.0224
Hunter-Lab	41.0181, -10.7439, 12.0536

Details

The Hex color **687757** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **665777**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **9BAB89**, and **384729** is the 20% darker color. If you saturate the color by 10%, you get **62774B**, and if you desaturate by 10%, it is **6E7763**.

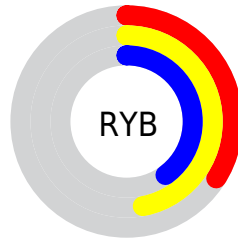
Distribution



Red (41%)

Green (47%)

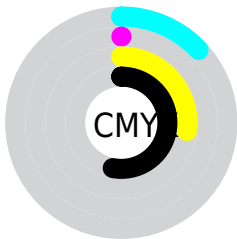
Blue (34%)



Red (34%)

Yellow (47%)

Blue (40%)

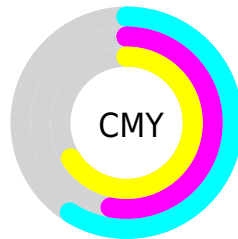


Cyan (13%)

Magenta (0%)

Yellow (27%)

Black (53%)



Cyan (59%)

Magenta (53%)

Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color 687757 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 687757 by changing the saturation by 10% instead.



687757



687757

FFFFFF



505E40



9BAB89



384729



B6C7A3



223014



D2E3BE



0E1C00



EEFFDA



000000



FFFFFF7



687757



687757



62774B



6E7763



5D773F



73776F

■ 577733

■ 79777B

■ 527727

■ 7E7787

■ 4C771B

■ 847793

■ 477710

■ 89779E

■ 417704

■ 8F77AA

■ 3F7700

■ 9577B6

■ 9A77C2

Harmonies

Analogous

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



7A7251



687757



557A64

Triad

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



687757



4C7790



93666F

Complementary

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



687757



665777

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.



8B687F



687757



637293

Square

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



687757



407A85



796C8D



92685F

Rectangle

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



687757



4A7B70



796C8D



916674

Sweetspot

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



687757



969C8F



776657



4B4F47



CFCFCF



4F4F4F

Same Dimension

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



687757



849C6A



587757



383B35



417A00



85FA00

Inverse Universe

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



665777



816A9C



765777



38353B



39007A



7500FA

Previews

White Background



This preview shows how the Hex color 687757 looks on a white background.

Color Contrast Check

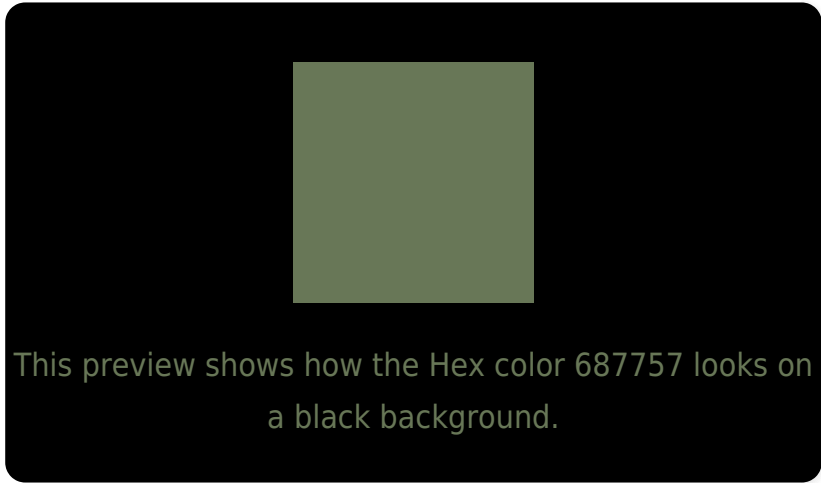
Large Text (above 18pt) WCAG AA ✓ Pass

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

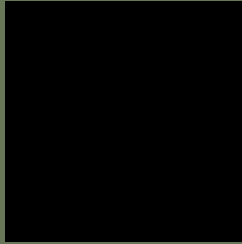
Any Text WCAG AA × Fail

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 687757 Background



This preview shows how black text looks on a background with the Hex color 687757.



This preview shows how white text looks on a background with the Hex color 687757.

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
687757

Protanopia
7A7255

Deuteranopia
856D59



Tritanopia
6D727B

Trichromacy



Original Color
687757

Protanomaly
737456

Deuteranomaly
7A7158

Tritanomaly
6B746E

Monochromacy



Original Color
687757

Achromatopsia
6F6F6F

Achromatomaly
6C7266

CSS Examples

Text

The CSS property to change the color of the text to Hex 687757 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 #687757 looks like.

```
.text, #text, p{  
    color:#687757  
}
```

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 #687757 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #687757
}
```

Border

The CSS property to change the border of an element to Hex 687757 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
#687757 }
```

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

```
.border{ border-color:#687757 }
```

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

Here you see how a box with a 4 pixel #687757 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #687757; -webkit-box-shadow:4px 4px  
4px 4px #687757; box-shadow:4px 4px 4px  
4px #687757 }
```

Background

The CSS property to change the background color of an element to Hex 687757 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#687757 }
```

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

```
.background{ background-color:#687757 }
```

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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