

Converting Colors

Hex(687368)

Have a look what the booklet for
Hex(687368) contains.

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Color

Hex(687368)

Conversions

Conversions Part 1

Format	Color
Hex	687368
RGB	104, 115, 104
RGB Percent	41%, 45%, 41%
CMY	0.5922, 0.5490, 0.5922
CMYK	0.10, 0.00, 0.10, 0.55
HSL	120°, 5%, 43%
HSV	120°, 10%, 45%
XYZ	14.3383, 16.2040, 15.4687
YIQ	110.4570, -3.0250, -5.7530

Conversions

Conversions Part 2

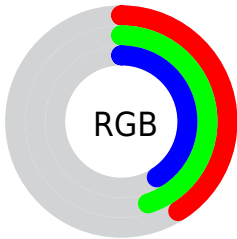
Format	Color
RYB	104, 115, 115
Decimal	6845288
CIELab	47.24, -6.42, 4.68
CIElCh	47, 7.945, 143.930
Yxy	16.2040, 0.3116, 0.3522
Android (android.graphics.Color)	4285035368 (0xFF687368)
YUV	110.4570, -3.1833, -5.6628
Hunter-Lab	40.2542, -6.8640, 5.3943

Details

The Hex color **687368** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **736873**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **9BA79B**, and **394339** is the 20% darker color. If you saturate the color by 10%, you get **5D735D**, and if you desaturate by 10%, it is **747374**.

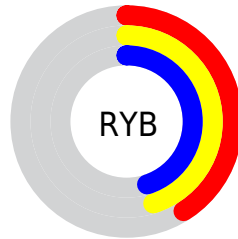
Distribution



Red (41%)

Green (45%)

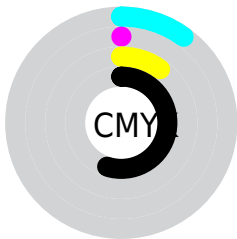
Blue (41%)



Red (41%)

Yellow (45%)

Blue (45%)

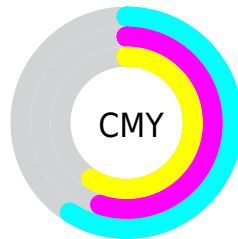


Cyan (10%)

Magenta (0%)

Yellow (10%)

Black (55%)



Cyan (59%)

Magenta (55%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color 687368 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 687368 by changing the saturation by 10% instead.

 687368

 687368

FFFFFF

 505A50

 9BA79B

 394339

 B6C2B6

 232D24

 D2DED1

 0E180E

 EEFBEE

 000000

 687368

 687368

 5D735D

 747374

 517351

 7F737F

 467346

 8B738B

■ 3A733A

■ 967396

■ 2F732F

■ A273A2

■ 237323

■ AD73AD

■ 187318

■ B973B9

■ 0C730C

■ C473C4

■ 017301

■ D073D0

Harmonies

Analogous

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



707164



687368



62746E

Triad

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



687368



67717D



7F6C6B

Complementary

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



687368



736873

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.



7D6C72



687368



706F7C

Square

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



687368



61737B



786D78



7C6D65

Rectangle

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



687368



607473



786D78



7E6C6D

Sweetspot

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



687368



929692



737368



494D49



CCCCCC



4D4D4D

Same Dimension

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



687368



869686



68736E



353B35



007A00



00FA00

Inverse Universe

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



736873



968696



73686E



3B353B



7A007A



FA00FA

Previews

White Background



This preview shows how the Hex color 687368 looks on a white background.

Color Contrast Check

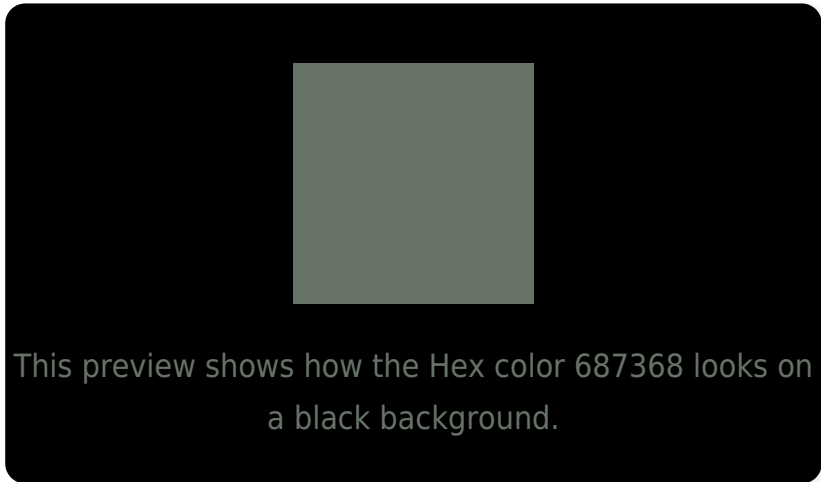
Large Text (above 18pt) WCAG AA ✓ Pass

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

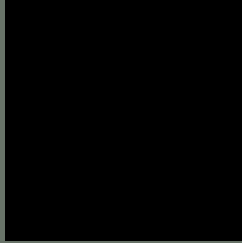
Any Text WCAG AA × Fail

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 687368 Background



This preview shows how black text looks on a background with the Hex color 687368.



This preview shows how white text looks on a background with the Hex color 687368.

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
687368

Protanopia
746F66

Deuteranopia
7D6C69



Tritanopia
6B7079

Trichromacy



Original Color
687368

Protanomaly
707067

Deuteranomaly
756F69

Tritanomaly
6A7173

Monochromacy



Original Color
687368

Achromatopsia
6E6E6E

Achromatomaly
6C706C

CSS Examples

Text

The CSS property to change the color of the text to Hex 687368 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 #687368 looks like.

```
.text, #text, p{  
    color:#687368  
}
```

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 #687368 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #687368
}
```

Border

The CSS property to change the border of an element to Hex 687368 is called "border". The border property can be set on classes, ids or directly on the HTML element.

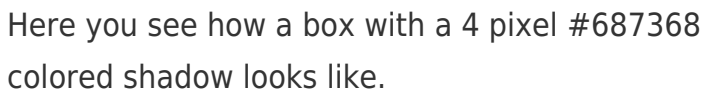
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#687368 }
```

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

```
.border{ border-color:#687368 }
```

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



Here you see how a box with a 4 pixel #687368 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #687368; -webkit-box-shadow:4px 4px  
4px 4px #687368; box-shadow:4px 4px 4px  
4px #687368 }
```

Background

The CSS property to change the background color of an element to Hex 687368 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#687368 }
```

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

```
.background{ background-color:#687368 }
```

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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