

Converting Colors

Hex(686357)

Have a look what the booklet for
Hex(686357) contains.

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Color

Hex(686357)

Conversions

Conversions Part 1

Format	Color
Hex	686357
RGB	104, 99, 87
RGB Percent	41%, 39%, 34%
CMY	0.5922, 0.6118, 0.6588
CMYK	0.00, 0.05, 0.16, 0.59
HSL	42°, 9%, 37%
HSV	42°, 16%, 41%
XYZ	11.8911, 12.5549, 10.8134
YIQ	99.1270, 6.8320, -2.6720

Conversions

Conversions Part 2

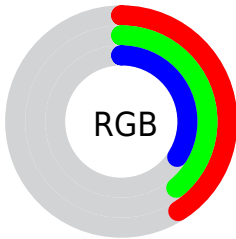
Format	Color
R_{YB}	94, 104, 87
Decimal	6841175
CIE Lab	42.08, -0.29, 7.53
CIE LCh	42, 7.533, 92.235
Yxy	12.5549, 0.3372, 0.3561
Android (android.graphics.Color)	4285031255 (0xFF686357)
YUV	99.1270, -5.9786, 4.2736
Hunter-Lab	35.4328, -2.1039, 6.7088

Details

The Hex color **686357** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **575C68**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **9B9689**, and **39352A** is the 20% darker color. If you saturate the color by 10%, you get **68604D**, and if you desaturate by 10%, it is **686661**.

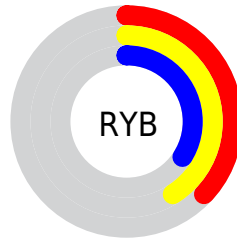
Distribution



Red (41%)

Green (39%)

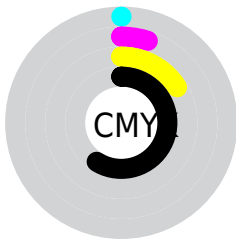
Blue (34%)



Red (37%)

Yellow (41%)

Blue (34%)

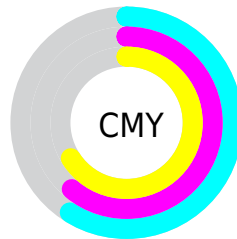


Cyan (0%)

Magenta (5%)

Yellow (16%)

Black (59%)



Cyan (59%)

Magenta (61%)

Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color 686357 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 686357 by changing the saturation by 10% instead.



686357



686357

FFFFFF



504B40



9B9689



39352A



B6B0A3



231F15



D2CCBE



0B0700



EEE8DA



000000



FFFFF6



686357



686357



68604D



686661



685D42



68696C

■ 685A38

■ 686C76

■ 68572D

■ 686F81

■ 685423

■ 68728B

■ 685119

■ 687595

■ 684E0E

■ 6878A0

■ 684B04

■ 687BAA

■ 684900

■ 687FB5

Harmonies

Analogous

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



6E6159



686357



616559

Triad

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



686357



54676A



6C6069

Complementary

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



686357



575C68

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.



65626E



686357



57666E

Square

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



686357



556764



5D6470



705F63

Rectangle

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



686357



5C665C



5D6470



6A606B

Sweetspot

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



686357



878580



68575C



454441



C4C4C4



454545

Same Dimension

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



686357



877F6C



656857



33322E



735100



F2AB00

Inverse Universe

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



575C68



6C7487



5A5768



2E2F33



002273



0047F2

Previews

White Background



This preview shows how the Hex color 686357 looks on a white background.

Color Contrast Check

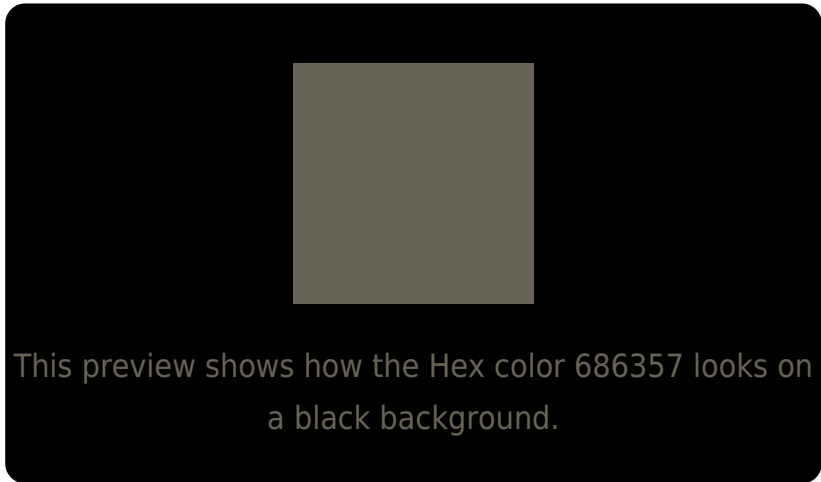
Large Text (above 18pt) WCAG AA ✓ Pass

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

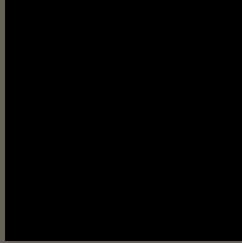
Any Text WCAG AA × Fail

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 686357 Background



This preview shows how black text looks on a background with the Hex color 686357.

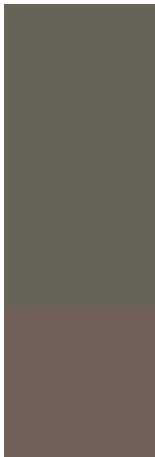


This preview shows how white text looks on a background with the Hex color 686357.

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](#).

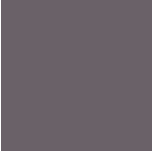
Dichromacy



Original Color
686357

Protanopia
686357

Deuteranopia
716058



Tritanopia
6A6168

Trichromacy



Original Color
686357

Protanomaly
686357

Deuteranomaly
6E6158

Tritanomaly
696262

Monochromacy



Original Color
686357

Achromatopsia
636363

Achromatomaly
65635F

CSS Examples

Text

The CSS property to change the color of the text to Hex 686357 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 #686357 looks like.

```
.text, #text, p{  
    color:#686357  
}
```

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 #686357 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #686357
}
```

Border

The CSS property to change the border of an element to Hex 686357 is called "border". The border property can be set on classes, ids or directly on the HTML element.

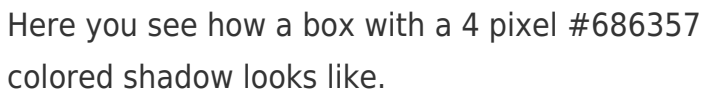
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#686357 }
```

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

```
.border{ border-color:#686357 }
```

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



Here you see how a box with a 4 pixel #686357 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #686357; -webkit-box-shadow:4px 4px  
4px 4px #686357; box-shadow:4px 4px 4px  
4px #686357 }
```

Background

The CSS property to change the background color of an element to Hex 686357 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#686357 }
```

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

```
.background{ background-color:#686357 }
```

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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