

Converting Colors

Hex(686547)

Have a look what the booklet for
Hex(686547) contains.

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Color

Hex(686547)

Conversions

Conversions Part 1

Format	Color
Hex	686547
RGB	104, 101, 71
RGB Percent	41%, 40%, 28%
CMY	0.5922, 0.6039, 0.7216
CMYK	0.00, 0.03, 0.32, 0.59
HSL	55°, 19%, 34%
HSV	55°, 32%, 41%
XYZ	11.4999, 12.7053, 7.8075
YIQ	98.4770, 11.4180, -8.6940

Conversions

Conversions Part 2

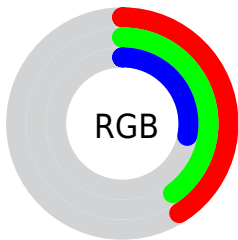
Format	Color
RYB	74, 104, 71
Decimal	6841671
CIELab	42.32, -4.06, 17.45
CIELCh	42, 17.921, 103.102
Yxy	12.7053, 0.3592, 0.3969
Android (android.graphics.Color)	4285031751 (0xFF686547)
YUV	98.4770, -13.5462, 4.8437
Hunter-Lab	35.6446, -4.7889, 11.9645

Details

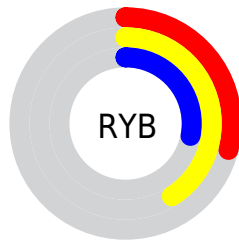
The Hex color **686547** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **474A68**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **9C9878**, and **38361B** is the 20% darker color. If you saturate the color by 10%, you get **68643D**, and if you desaturate by 10%, it is **686651**.

Distribution



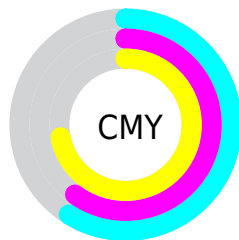
- Red (41%)
- Green (40%)
- Blue (28%)



- Red (29%)
- Yellow (41%)
- Blue (28%)



- Cyan (0%)
- Magenta (3%)
- Yellow (32%)
- Black (59%)



- Cyan (59%)
- Magenta (60%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 686547 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 686547 by changing the saturation by 10% instead.



686547



686547

FFFFFF



504D30



9C9878



38361B



B7B391



232102



D2CEAC



020B00



EFEAC7



000000



FFFFE4



686547



686547



68643D



686651



686332



68675C

686228

686866

68611D

686971

686013

686A7B

685F09

686B85

685F00

686C90

686D9A

686EA5

Harmonies

Analogous

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



766048



686547



57694E

Triad

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



686547



396B78



7C5A6D

Complementary

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



686547



474A68

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.



6E5E7A



686547



466880

Square

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



686547



3A6C6A



5B6380



82595E

Rectangle

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



686547



4C6B56



5B6380



785B72

Sweetspot

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



686547



87867A



68474A



45443D



C4C4C4



454545

Same Dimension

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



686547



878254



5B6847



33332E



736800



F2DC00

Inverse Universe

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



474A68



545887



544768



2E2E33



000A73



0016F2

Previews

White Background



This preview shows how the Hex color 686547 looks on a white background.

Color Contrast Check

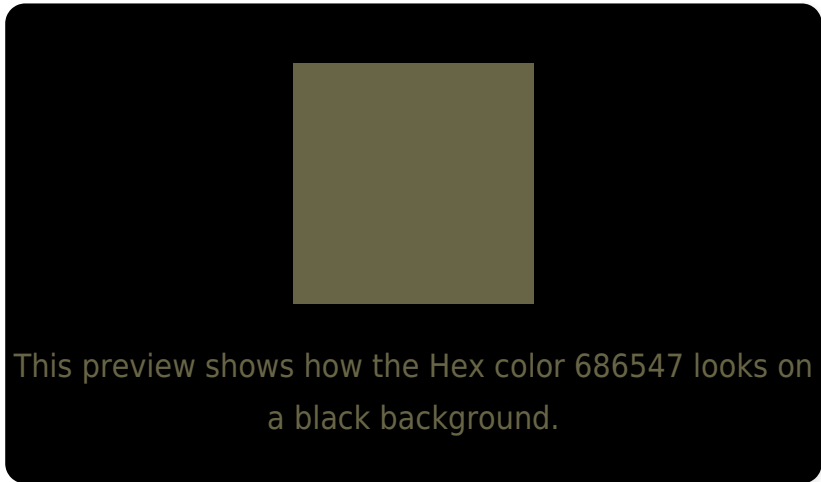
Large Text (above 18pt) WCAG AA ✓ Pass

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

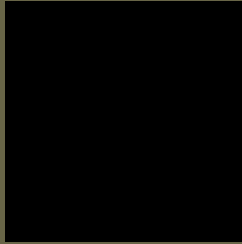
Any Text WCAG AA × Fail

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 686547 Background



This preview shows how black text looks on a background with the Hex color 686547.



This preview shows how white text looks on a background with the Hex color 686547.

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
686547

Protanopia
6C6446

Deuteranopia
766048



Tritanopia
6C6168

Trichromacy



Original Color
686547

Protanomaly
6B6446

Deuteranomaly
716248

Tritanomaly
6B625C

Monochromacy



Original Color
686547

Achromatopsia
626262

Achromatomaly
646358

CSS Examples

Text

The CSS property to change the color of the text to Hex 686547 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 #686547 looks like.

```
.text, #text, p{  
    color:#686547  
}
```

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 #686547 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #686547
}
```

Border

The CSS property to change the border of an element to Hex 686547 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
#686547 }
```

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

```
.border{ border-color:#686547 }
```

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

Here you see how a box with a 4 pixel #686547 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #686547; -webkit-box-shadow:4px 4px  
4px 4px #686547; box-shadow:4px 4px 4px  
4px #686547 }
```

Background

The CSS property to change the background color of an element to Hex 686547 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#686547 }
```

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

```
.background{ background-color:#686547 }
```

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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