

Converting Colors

Hex(686645)

Have a look what the booklet for
Hex(686645) contains.

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Color

Hex(686645)

Conversions

Conversions Part 1

Format	Color
Hex	686645
RGB	104, 102, 69
RGB Percent	41%, 40%, 27%
CMY	0.5922, 0.6000, 0.7294
CMYK	0.00, 0.02, 0.34, 0.59
HSL	57°, 20%, 34%
HSV	57°, 34%, 41%
XYZ	11.5345, 12.8755, 7.5075
YIQ	98.8360, 11.7850, -9.8390

Conversions

Conversions Part 2

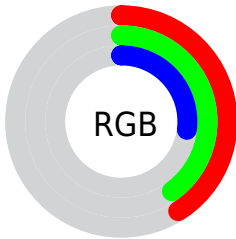
Format	Color
RYB	71, 104, 69
Decimal	6841925
CIELab	42.58, -4.93, 18.98
CIELCh	43, 19.610, 104.567
Yxy	12.8755, 0.3614, 0.4034
Android (android.graphics.Color)	4285032005 (0xFF686645)
YUV	98.8360, -14.7091, 4.5288
Hunter-Lab	35.8824, -5.4150, 12.7127

Details

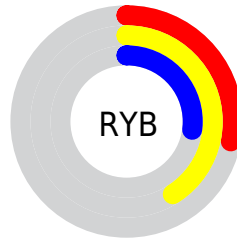
The Hex color **686645** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **454768**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **9C9976**, and **383719** is the 20% darker color. If you saturate the color by 10%, you get **68653B**, and if you desaturate by 10%, it is **68674F**.

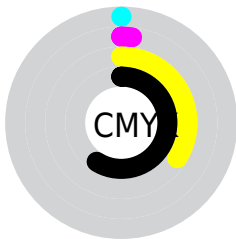
Distribution



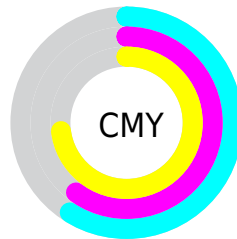
- Red (41%)
- Green (40%)
- Blue (27%)



- Red (28%)
- Yellow (41%)
- Blue (27%)



- Cyan (0%)
- Magenta (2%)
- Yellow (34%)
- Black (59%)



- Cyan (59%)
- Magenta (60%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 686645 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 686645 by changing the saturation by 10% instead.



686645



686645

FFFFFF



504E2E



9C9976



383719



B7B48F



232200



D3CFAA



020D00



EFEB C5



000000



FFFFE1

FFFFFFE



686645



686645



68653B



68674F

686530

68675A

686426

686864

68641B

68686F

686311

686979

686207

686A83

686200

686A8E

686B98

686BA3

Harmonies

Analogous

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



786146



686645



566A4D

Triad

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



686645



346C7B



7F596E

Complementary

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



686645



454768

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.



715E7C



686645



446983

Square

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



686645



356E6C



5B6384



85595D

Rectangle

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



686645



496C56



5B6384



7B5B73

Sweetspot

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



686645



87867A



684547



45443D



C4C4C4



454545

Same Dimension

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



686645



878451



596845



33332E



736C00



F2E400

Inverse Universe

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



454768



515487



544568



2E2E33



000773



000EF2

Previews

White Background



This preview shows how the Hex color 686645 looks on a white background.

Color Contrast Check

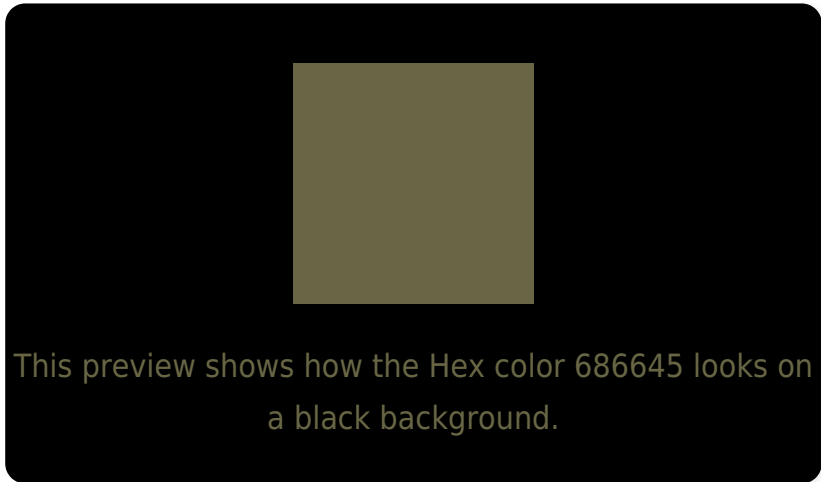
Large Text (above 18pt) WCAG AA ✓ Pass

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

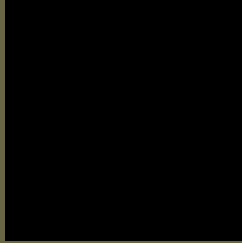
Any Text WCAG AA × Fail

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 686645 Background



This preview shows how black text looks on a background with the Hex color 686645.



This preview shows how white text looks on a background with the Hex color 686645.

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
686645

Protanopia
6D6444

Deuteranopia
786046



Tritanopia
6C6169

Trichromacy



Original Color
686645

Protanomaly
6B6544

Deuteranomaly
726246

Tritanomaly
6B635C

Monochromacy



Original Color
686645

Achromatopsia
636363

Achromatomaly
656458

CSS Examples

Text

The CSS property to change the color of the text to Hex 686645 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 #686645 looks like.

```
.text, #text, p{  
    color:#686645  
}
```

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 #686645 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #686645
}
```

Border

The CSS property to change the border of an element to Hex 686645 is called "border". The border property can be set on classes, ids or directly on the HTML element.

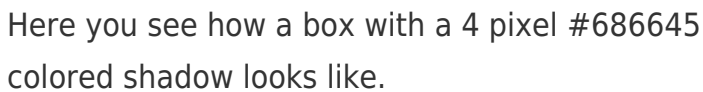
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#686645 }
```

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

```
.border{ border-color:#686645 }
```

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



Here you see how a box with a 4 pixel #686645 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #686645; -webkit-box-shadow:4px 4px  
4px 4px #686645; box-shadow:4px 4px 4px  
4px #686645 }
```

Background

The CSS property to change the background color of an element to Hex 686645 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#686645 }
```

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

```
.background{ background-color:#686645 }
```

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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