

Converting Colors

Hex(686046)

Have a look what the booklet for
Hex(686046) contains.

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Color

Hex(686046)

Conversions

Conversions Part 1

Format	Color
Hex	686046
RGB	104, 96, 70
RGB Percent	41%, 38%, 27%
CMY	0.5922, 0.6235, 0.7255
CMYK	0.00, 0.08, 0.33, 0.59
HSL	46°, 20%, 34%
HSV	46°, 33%, 41%
XYZ	10.9973, 11.7510, 7.4829
YIQ	95.4280, 13.1140, -6.3900

Conversions

Conversions Part 2

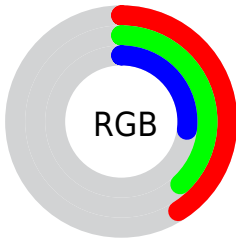
Format	Color
R_{YB}	80, 104, 70
Decimal	6840390
CIE Lab	40.82, -1.26, 16.04
CIE LCh	41, 16.089, 94.496
Yxy	11.7510, 0.3638, 0.3887
Android (android.graphics.Color)	4285030470 (0xFF686046)
YUV	95.4280, -12.5360, 7.5176
Hunter-Lab	34.2797, -2.7249, 11.0534

Details

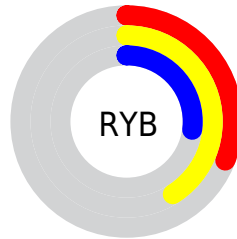
The Hex color **686046** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **464E68**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **9C9277**, and **38321A** is the 20% darker color. If you saturate the color by 10%, you get **685E3C**, and if you desaturate by 10%, it is **686250**.

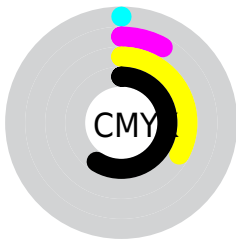
Distribution



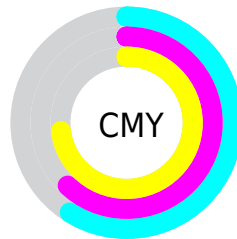
- Red (41%)
- Green (38%)
- Blue (27%)



- Red (31%)
- Yellow (41%)
- Blue (27%)



- Cyan (0%)
- Magenta (8%)
- Yellow (33%)
- Black (59%)



- Cyan (59%)
- Magenta (62%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 686046 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 686046 by changing the saturation by 10% instead.



686046



686046

FFFFFF



50482F



9C9277



38321A



B7AD90



231D00



D2C8AB



010400



EFE4C6



000000



FFFFE2



686046



686046



685E3C



686250



685B31



68655B

■ 685927

■ 686765

■ 68561C

■ 686A70

■ 685412

■ 686C7A

■ 685108

■ 686F84

■ 685000

■ 68718F

■ 687499

■ 6876A4

Harmonies

Analogous

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



745C49



686046



5A644A

Triad

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



686046



3A676F



73586C

Complementary

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



686046



464E68

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.



655C76



686046



426578

Square

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



686046



3E6862



53617A



7A575F

Rectangle

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



686046



4F6651



53617A



6F5970

Sweetspot

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



686046



87847A



68464E



45433D



C4C4C4



454545

Same Dimension

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



686046



877B52



606846



33322E



735800



F2B900

Inverse Universe

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



464E68



525F87



4E4668



2E2F33



001B73



0039F2

Previews

White Background



This preview shows how the Hex color 686046 looks on a white background.

Color Contrast Check

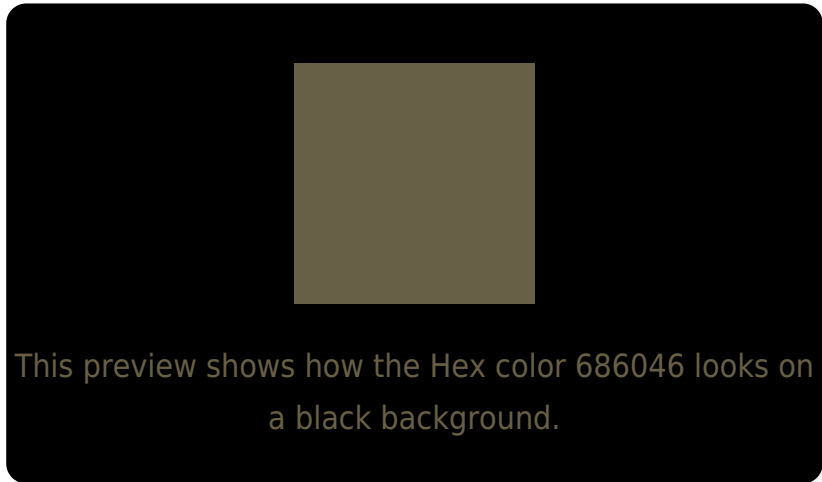
Large Text (above 18pt) WCAG AA ✓ Pass

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

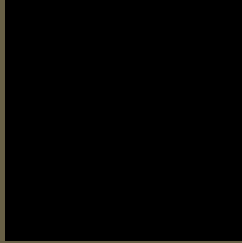
Any Text WCAG AA × Fail

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 686046 Background



This preview shows how black text looks on a background with the Hex color 686046.



This preview shows how white text looks on a background with the Hex color 686046.

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
686046

Protanopia
676046

Deuteranopia
725C47



Tritanopia
6B5C63

Trichromacy



Original Color
686046

Protanomaly
676046

Deuteranomaly
6E5D47

Tritanomaly
6A5D58

Monochromacy



Original Color
686046

Achromatopsia
5F5F5F

Achromatomaly
625F56

CSS Examples

Text

The CSS property to change the color of the text to Hex 686046 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 #686046 looks like.

```
.text, #text, p{  
    color:#686046  
}
```

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 #686046 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #686046
}
```

Border

The CSS property to change the border of an element to Hex 686046 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".

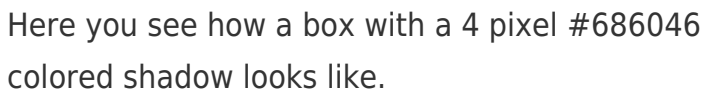
```
.border, #border, table{ border:4px solid
#686046 }
```

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

```
.border{ border-color:#686046 }
```

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

Here you see how a box with a 4 pixel #686046 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #686046; -webkit-box-shadow:4px 4px  
4px 4px #686046; box-shadow:4px 4px 4px  
4px #686046 }
```

Background

The CSS property to change the background color of an element to Hex 686046 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#686046 }
```

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

```
.background{ background-color:#686046 }
```

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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