

Converting Colors

Hex(686B67)

Have a look what the booklet for
Hex(686B67) contains.

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Color

Hex(686B67)

Conversions

Conversions Part 1

Format	Color
Hex	686B67
RGB	104, 107, 103
RGB Percent	41%, 42%, 40%
CMY	0.5922, 0.5804, 0.5961
CMYK	0.03, 0.00, 0.04, 0.58
HSL	105°, 2%, 41%
HSV	105°, 4%, 42%
XYZ	13.4148, 14.4377, 14.9117
YIQ	105.6470, -0.5040, -1.8800

Conversions

Conversions Part 2

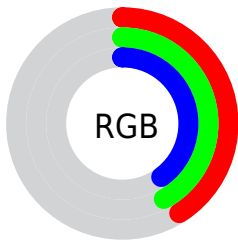
Format	Color
R_{YB}	103, 107, 106
Decimal	6843239
CIE Lab	44.85, -1.98, 1.83
CIE LCh	45, 2.694, 137.190
Yxy	14.4377, 0.3137, 0.3376
Android (android.graphics.Color)	4285033319 (0xFF686B67)
YUV	105.6470, -1.3050, -1.4444
Hunter-Lab	37.9970, -3.4755, 3.3299

Details

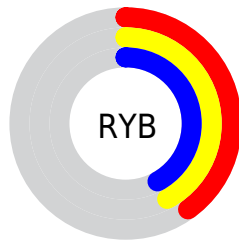
The Hex color **686B67** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **6A676B**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **9B9E9A**, and **393C38** is the 20% darker color. If you saturate the color by 10%, you get **606B5C**, and if you desaturate by 10%, it is **706B72**.

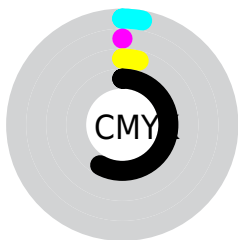
Distribution



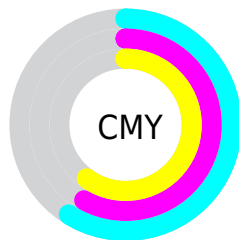
- Red (41%)
- Green (42%)
- Blue (40%)



- Red (40%)
- Yellow (42%)
- Blue (42%)



- Cyan (3%)
- Magenta (0%)
- Yellow (4%)
- Black (58%)



- Cyan (59%)
- Magenta (58%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 686B67 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 686B67 by changing the saturation by 10% instead.



686B67



686B67

FFFFFF



50534F



9B9E9A



393C38



B6B9B5



242623



D1D5D0



0E110D



EEF1ED



000000



686B67



686B67



606B5C



706B72



586B52



786B7C



506B47



806B87

 486B3C

 886B92

 406B32

 906B9D

 386B27

 986BA7

 306B1C

 A06BB2

 286B11

 A86BBD

 206B07

 B06BC7

Harmonies

Analogous

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



6B6A66



686B67



666B69

Triad

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



686B67



676B6E



6F6969

Complementary

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



686B67



6A676B

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.



6E696B



686B67



696A6E

Square

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



686B67



656B6D



6C696D



6F6967

Rectangle

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



686B67



656B6B



6C696D



6F696A

Sweetspot

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



686B67



8B8C8B



6B6A67



474747



C7C7C7

Same Dimension

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



686B67



888C87



676B68



343633



1D7500



3DF500

Inverse Universe

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



6A676B



8B878C



6B676A



353336



580075



B800F5

Previews

White Background



This preview shows how the Hex color 686B67 looks on a white background.

Color Contrast Check

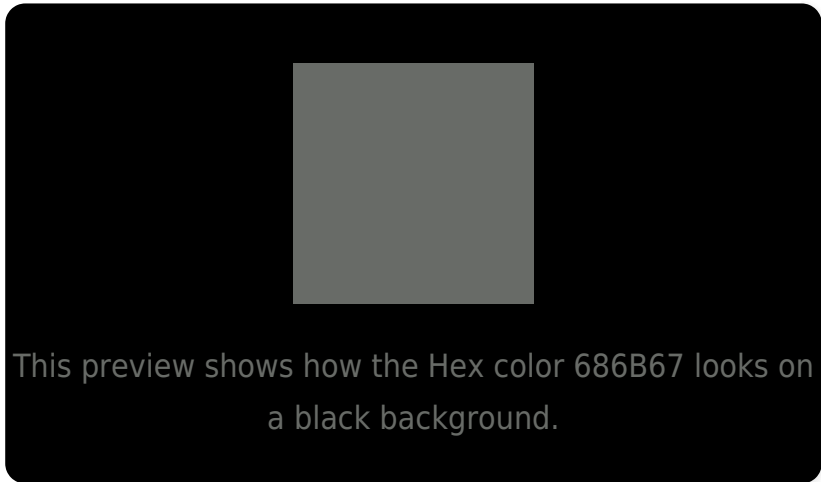
Large Text (above 18pt) WCAG AA ✓ Pass

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

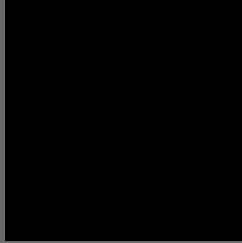
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

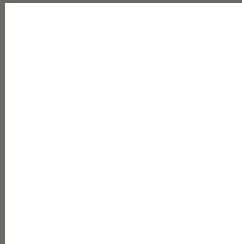
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 686B67 Background



This preview shows how black text looks on a background with the Hex color 686B67.



This preview shows how white text looks on a background with the Hex color 686B67.

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


686B67

Protanopia

6D6A66

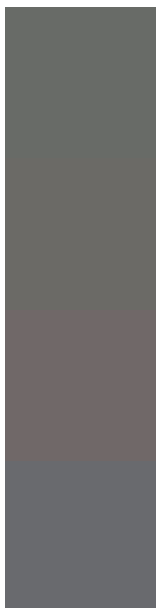
Deuteranopia

756768



Tritanopia
6A6972

Trichromacy



Original Color

686B67

Protanomaly

6B6A66

Deuteranomaly

706868

Tritanomaly

696A6E

Monochromacy



Original Color

686B67

Achromatopsia

6A6A6A

Achromatomaly

696A69

CSS Examples

Text

The CSS property to change the color of the text to Hex 686B67 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 #686B67 looks like.

```
.text, #text, p{  
    color:#686B67  
}
```

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 #686B67 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #686B67
}
```

Border

The CSS property to change the border of an element to Hex 686B67 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
#686B67 }
```

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

```
.border{ border-color:#686B67 }
```

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

Here you see how a box with a 4 pixel #686B67 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #686B67; -webkit-box-shadow:4px 4px  
4px 4px #686B67; box-shadow:4px 4px 4px  
4px #686B67 }
```

Background

The CSS property to change the background color of an element to Hex 686B67 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#686B67 }
```

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

```
.background{ background-color:#686B67 }
```

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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