

Converting Colors

Hex(686671)

Have a look what the booklet for
Hex(686671) contains.

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Color

Hex(686671)

Conversions

Conversions Part 1

Format	Color
Hex	686671
RGB	104, 102, 113
RGB Percent	41%, 40%, 44%
CMY	0.5922, 0.6000, 0.5569
CMYK	0.08, 0.10, 0.00, 0.56
HSL	251°, 5%, 42%
HSV	251°, 10%, 44%
XYZ	13.4409, 13.6381, 17.5468
YIQ	103.8520, -2.3390, 3.8450

Conversions

Conversions Part 2

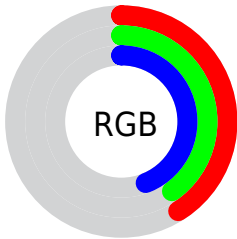
Format	Color
RYB	104, 102, 113
Decimal	6841969
CIELab	43.71, 3.13, -5.89
CIELCh	44, 6.669, 297.971
Yxy	13.6381, 0.3012, 0.3056
Android (android.graphics.Color)	4285032049 (0xFF686671)
YUV	103.8520, 4.5100, 0.1298
Hunter-Lab	36.9297, 0.3397, -2.3202

Details

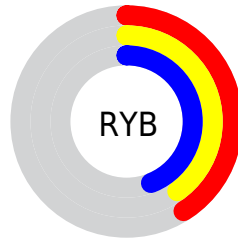
The Hex color **686671** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **6F7166**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **9B99A5**, and **393741** is the 20% darker color. If you saturate the color by 10%, you get **5F5B71**, and if you desaturate by 10%, it is **717171**.

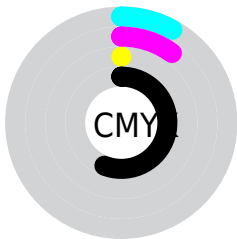
Distribution



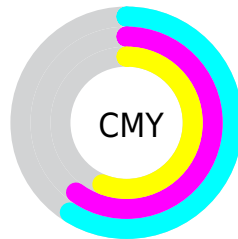
- Red (41%)
- Green (40%)
- Blue (44%)



- Red (41%)
- Yellow (40%)
- Blue (44%)



- Cyan (8%)
- Magenta (10%)
- Yellow (0%)
- Black (56%)



- Cyan (59%)
- Magenta (60%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 686671 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 686671 by changing the saturation by 10% instead.

■ 686671

■ 686671

FFFFFF

■ 504E59

■ 9B99A5

■ 393741

■ B6B4C0

■ 23222B

■ D2CFDC

■ 0E0C17

■ EEEBF8

■ 000000

■ 686671

■ 686671

■ 5F5B71

■ 717171

■ 564F71

■ 7A7D71

■ 4C4471

■ 848871

■ 433971

■ 8D9371

■ 3A2E71

■ 969F71

■ 312271

■ 9FAA71

■ 271771

■ A9B571

■ 1E0C71

■ B2C071

■ 150071

■ BBCC71

Harmonies

Analogous

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



616872



686671



6E646D

Triad

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



686671



71655E



5B6B67

Complementary

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



686671



6F7166

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.



606A61



686671



6C675C

Square

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



686671



736462



66695D



5A6A6C

Rectangle

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



686671



71646A



66695D



5C6A65

Sweetspot

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



686671



908F94



666F71



48474A



C9C9C9



4A4A4A

Same Dimension

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



686671



858294



6D6671



343238



160078



2D00F7

Inverse Universe

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



71666F



948291



6A7166



383237



780062



F700CA

Previews

White Background



This preview shows how the Hex color 686671 looks on a white background.

Color Contrast Check

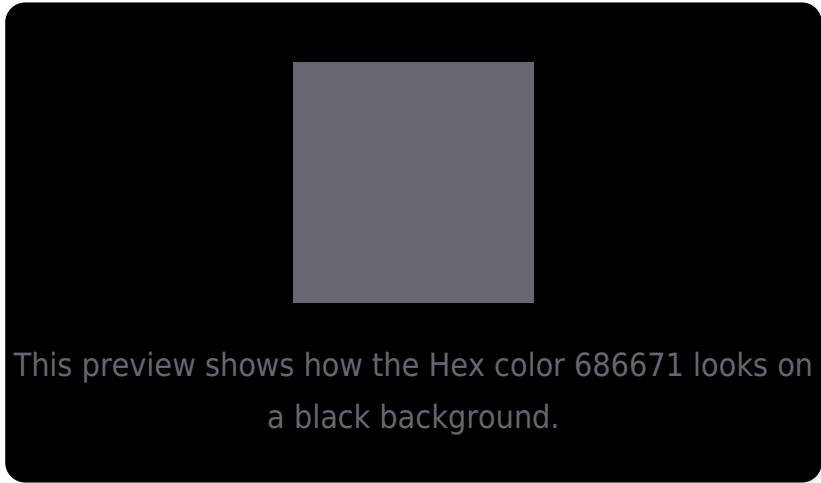
Large Text (above 18pt) WCAG AA ✓ Pass

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

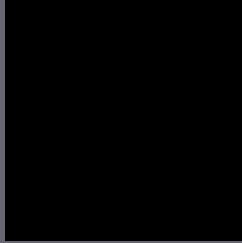
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

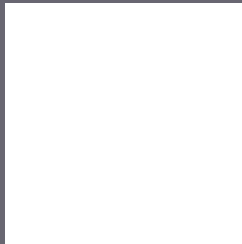
Any Text WCAG AAA × Fail

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

Hex 686671 Background



This preview shows how black text looks on a background with the Hex color 686671.



This preview shows how white text looks on a background with the Hex color 686671.

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
686671

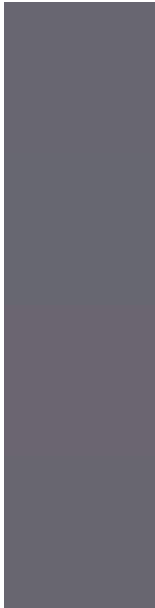
Protanopia
666771

Deuteranopia
6D6471



Tritanopia
68666F

Trichromacy



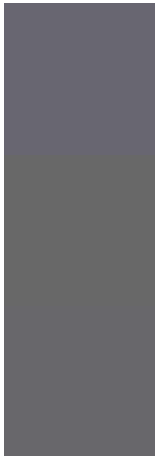
Original Color
686671

Protanomaly
676771

Deuteranomaly
6B6571

Tritanomaly
686670

Monochromacy



Original Color
686671

Achromatopsia
686868

Achromatomaly
68676B

CSS Examples

Text

The CSS property to change the color of the text to Hex 686671 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 #686671 looks like.

```
.text, #text, p{  
    color:#686671  
}
```

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 #686671 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #686671
}
```

Border

The CSS property to change the border of an element to Hex 686671 is called "border". The border property can be set on classes, ids or directly on the HTML element.

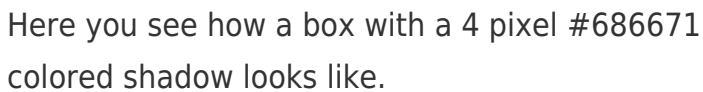
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#686671 }
```

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

```
.border{ border-color:#686671 }
```

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



Here you see how a box with a 4 pixel #686671 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #686671; -webkit-box-shadow:4px 4px  
4px 4px #686671; box-shadow:4px 4px 4px  
4px #686671 }
```

Background

The CSS property to change the background color of an element to Hex 686671 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#686671 }
```

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

```
.background{ background-color:#686671 }
```

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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