

Converting Colors

Hex(676869)

Have a look what the booklet for
Hex(676869) contains.

Hex(676869)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(676869)

Conversions

Conversions Part 1

Format	Color
Hex	676869
RGB	103, 104, 105
RGB Percent	40%, 41%, 41%
CMY	0.5961, 0.5922, 0.5882
CMYK	0.02, 0.01, 0.00, 0.59
HSL	210°, 1%, 41%
HSV	210°, 2%, 41%
XYZ	13.0936, 13.8041, 15.3390
YIQ	103.8150, -0.9170, 0.0990

Conversions

Conversions Part 2

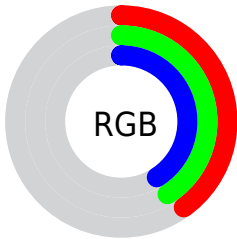
Format	Color
RYB	103, 104, 105
Decimal	6776937
CIELab	43.95, -0.18, -0.70
CIElCh	44, 0.724, 255.953
Yxy	13.8041, 0.3100, 0.3268
Android (android.graphics.Color)	4284967017 (0xFF676869)
YUV	103.8150, 0.5842, -0.7148
Hunter-Lab	37.1539, -2.1130, 1.5299

Details

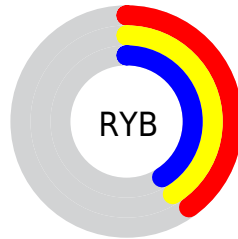
The Hex color **676869** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **696867**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **9A9B9C**, and **38393A** is the 20% darker color. If you saturate the color by 10%, you get **5D6369**, and if you desaturate by 10%, it is **726D69**.

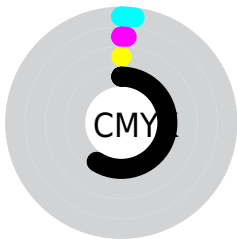
Distribution



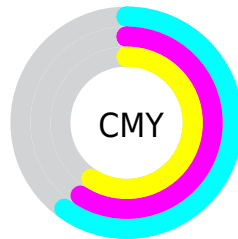
- Red (40%)
- Green (41%)
- Blue (41%)



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



- Cyan (2%)
- Magenta (1%)
- Yellow (0%)
- Black (59%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 676869 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 676869 by changing the saturation by 10% instead.

676869

676869

FFFFFF

4F5051

9A9B9C

38393A

B5B6B7

232424

D0D1D3

0D0E0F

EDEEF

000000

676869

676869

5D6369

726D69

525E69

7C7369

485869

877869

■ 3D5369

■ 917D69

■ 334E69

■ 9C8269

■ 284969

■ A68869

■ 1E4369

■ B18D69

■ 133E69

■ BB9269

■ 093969

■ C59769

Harmonies

Analogous

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



676869



686869

Triad

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



676869



696768



676867

Complementary

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



676869



696867

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.



686867



676869



696867

Square

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



676869



696868



696867



676868

Rectangle

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



676869



686869



696867



686867

Sweetspot

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



676869



88898A



676968



444545



C4C4C4



454545

Same Dimension

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



676869



87888A



676769



343536



003B75



007AF5

Inverse Universe

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



696768



8A8788



696967



363435



75003B



F5007A

Previews

White Background



This preview shows how the Hex color 676869 looks on a white background.

Color Contrast Check

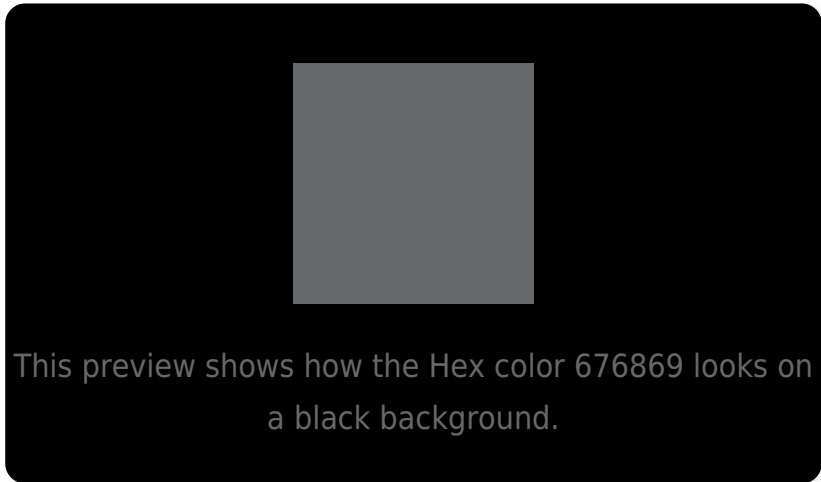
Large Text (above 18pt) WCAG AA ✓ Pass

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

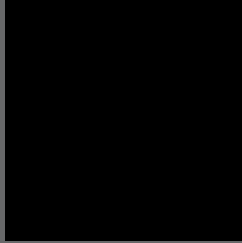
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

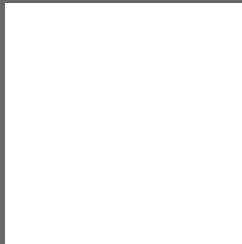
Any Text WCAG AAA × Fail

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

Hex 676869 Background



This preview shows how black text looks on a background with the Hex color 676869.



This preview shows how white text looks on a background with the Hex color 676869.

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
676869

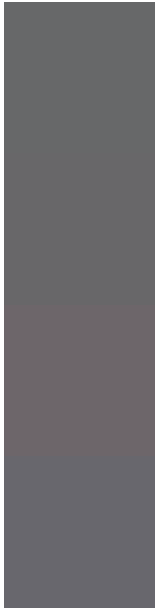
Protanopia
696769

Deuteranopia
71656A



Tritanopia
68676F

Trichromacy



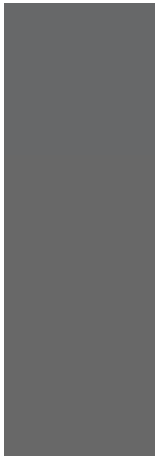
Original Color
676869

Protanomaly
686769

Deuteranomaly
6D666A

Tritanomaly
68676D

Monochromacy



Original Color
676869

Achromatopsia
686868

Achromatomaly
686868

CSS Examples

Text

The CSS property to change the color of the text to Hex 676869 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 #676869 looks like.

```
.text, #text, p{  
    color:#676869  
}
```

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 #676869 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #676869
}
```

Border

The CSS property to change the border of an element to Hex 676869 is called "border". The border property can be set on classes, ids or directly on the HTML element.

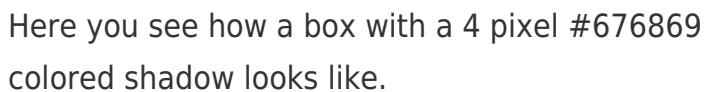
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#676869 }
```

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

```
.border{ border-color:#676869 }
```

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



Here you see how a box with a 4 pixel #676869 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #676869; -webkit-box-shadow:4px 4px  
4px 4px #676869; box-shadow:4px 4px 4px  
4px #676869 }
```

Background

The CSS property to change the background color of an element to Hex 676869 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#676869 }
```

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

```
.background{ background-color:#676869 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor