

# Converting Colors

Hex(676173)

Have a look what the booklet for  
Hex(676173) contains.

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# Color

**Hex(676173)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	676173
RGB	103, 97, 115
RGB Percent	40%, 38%, 45%
CMY	0.5961, 0.6196, 0.5490
CMYK	0.10, 0.16, 0.00, 0.55
HSL	260°, 8%, 42%
HSV	260°, 16%, 45%
XYZ	12.9627, 12.6708, 17.9821
YIQ	100.8460, -2.2020, 6.8700

# Conversions

## Conversions Part 2

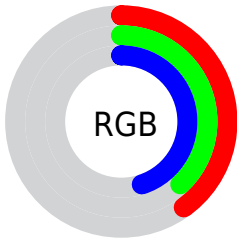
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	103, 97, 115
Decimal	6775155
CIE Lab	42.26, 6.24, -9.28
CIE LCh	42, 11.177, 303.909
Yxy	12.6708, 0.2972, 0.2905
Android (android.graphics.Color)	4284965235 (0xFF676173)
YUV	100.8460, 6.9779, 1.8891
Hunter-Lab	35.5960, 2.7100, -5.0345




# Details

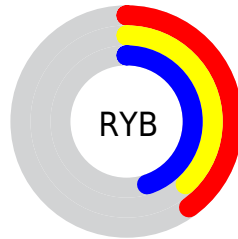
The Hex color **676173** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **6D7361**, and the grayscale version is **656565**.




A 20% lighter version of the original color is **9A94A7**, and **383343** is the 20% darker color. If you saturate the color by 10%, you get **5F5673**, and if you desaturate by 10%, it is **6F6C73**.

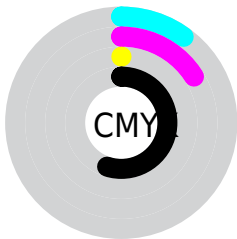
# Distribution







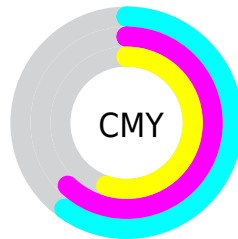
-  Red (40%)
-  Green (38%)
-  Blue (45%)






-  Red (40%)
-  Yellow (38%)
-  Blue (45%)



-  Cyan (10%)
-  Magenta (16%)
-  Yellow (0%)
-  Black (55%)



-  Cyan (60%)
-  Magenta (62%)
-  Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 676173 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 676173 by changing the saturation by 10% instead.



■ 676173

■ 676173

FFFFFF

■ 4F495A

■ 9A94A7

■ 383343

■ B5AEC2

■ 221E2D

■ D1CADE

■ 0D0419

■ EDE6FB

■ 000000

■ 676173

■ 676173

■ 5F5673

■ 6F6C73

■ 584A73

■ 767873

■ 503F73

■ 7E8473

■ 483373

■ 868F73

■ 412773

■ 8D9B73

■ 391C73

■ 95A673

■ 311073

■ 9DB273

■ 2A0573

■ A4BD73

■ 260073

■ ACC973

# Harmonies

## Analogous

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



5B6476



676173



715E6C

# Triad

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



676173



726054



4E6965

# Complementary

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



676173



6D7361

# 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.



55685B



676173



6A6351

# Square

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



676173



775E5A



606654



4C696E

# Rectangle

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



676173



755E66



606654



506961



# Sweetspot

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



676173



918F96



616D73



49484D



CCCCCC



4D4D4D



# Same Dimension

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



676173



837A96



706173



37353B



29007A



5300FA



# Inverse Universe

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



73616D



967A8D



647361



3B3539



7A0052



FA00A7



# Previews

## White Background



This preview shows how the Hex color 676173 looks on a white background.

## Color Contrast Check

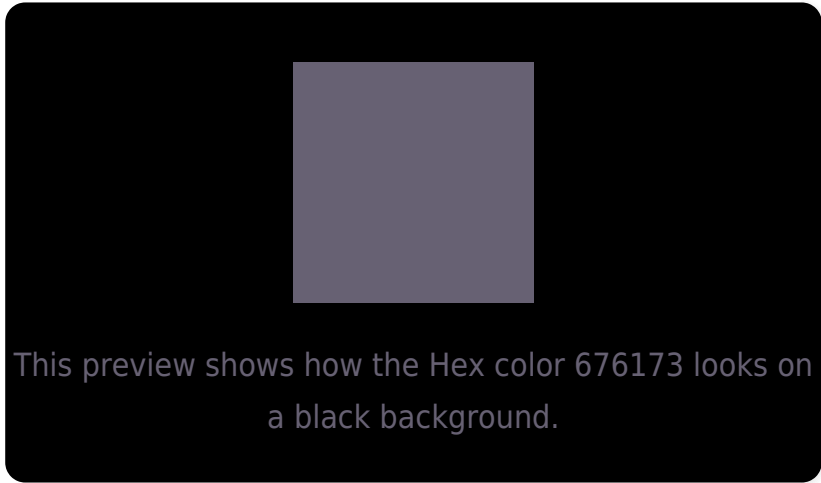
Large Text (above 18pt) WCAG AA ✓ Pass

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

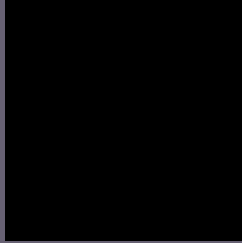
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 676173 Background



This preview shows how black text looks on a background with the Hex color 676173.



This preview shows how white text looks on a background with the Hex color 676173.

# 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**  
676173

**Protanopia**  
606374

**Deuteranopia**  
666173



**Tritanopia**  
66626A

# Trichromacy



**Original Color**  
676173

**Protanomaly**  
636274

**Deuteranomaly**  
666173

**Tritanomaly**  
66626D

# Monochromacy



**Original Color**  
676173

**Achromatopsia**  
656565

**Achromatomaly**  
66646A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 676173 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 #676173 looks like.

```
.text, #text, p{  
    color:#676173  
}
```

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 #676173 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #676173  
}
```

## Border

The CSS property to change the border of an element to Hex 676173 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  
#676173 }
```

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

```
.border{ border-color:#676173 }
```

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

Here you see how a box with a 4 pixel #676173 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #676173; -webkit-box-shadow:4px 4px  
4px 4px #676173; box-shadow:4px 4px 4px  
4px #676173 }
```

# Background

The CSS property to change the background color of an element to Hex 676173 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#676173 }
```

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

```
.background{ background-color:#676173 }
```

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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