

Converting Colors

Hex(676880)

Have a look what the booklet for
Hex(676880) contains.

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Color

Hex(676880)

Conversions

Conversions Part 1

Format	Color
Hex	676880
RGB	103, 104, 128
RGB Percent	40%, 41%, 50%
CMY	0.5961, 0.5922, 0.4980
CMYK	0.20, 0.19, 0.00, 0.50
HSL	238°, 11%, 45%
HSV	238°, 20%, 50%
XYZ	14.4401, 14.3427, 22.4294
YIQ	106.4370, -8.3000, 7.2520

Conversions

Conversions Part 2

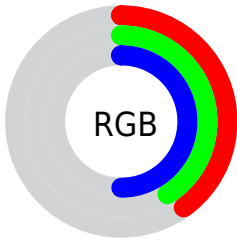
Format	Color
R_{YB}	103, 104, 128
Decimal	6776960
CIE Lab	44.72, 5.07, -13.43
CIE LCh	45, 14.353, 290.689
Yxy	14.3427, 0.2820, 0.2801
Android (android.graphics.Color)	4284967040 (0xFF676880)
YUV	106.4370, 10.6306, -3.0142
Hunter-Lab	37.8718, 1.7846, -8.6041

Details

The Hex color **676880** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **807F67**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **9A9BB5**, and **38394F** is the 20% darker color. If you saturate the color by 10%, you get **5A5C80**, and if you desaturate by 10%, it is **747480**.

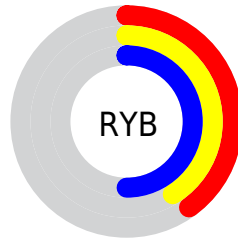
Distribution



Red (40%)

Green (41%)

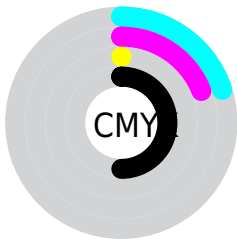
Blue (50%)



Red (40%)

Yellow (41%)

Blue (50%)

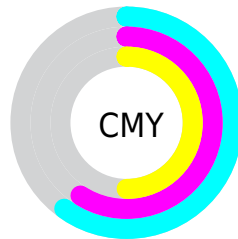


Cyan (20%)

Magenta (19%)

Yellow (0%)

Black (50%)



Cyan (60%)

Magenta (59%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 676880 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 676880 by changing the saturation by 10% instead.

■ 676880

■ 676880

FFFFFF

■ 4F5067

■ 9A9BB5

■ 38394F

■ B5B6D0

■ 222438

■ D1D1ED

■ 0D0E22

■ EDEEFF

■ 00000B

■ 000000

■ 676880

■ 676880

■ 5A5C80

■ 747480

■ 4D4F80

■ 818180

■ 414380

■ 8D8D80

■ 343780

■ 9A9980

■ 272B80

■ A7A580

■ 1A1E80

■ B4B280

■ 0D1280

■ C1BE80

■ 010680

■ CDCA80

■ 000580

■ DAD780

Harmonies

Analogous

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



576C81



676880



766479

Triad

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



676880



7F6458



507065

Complementary

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



676880



807F67

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.



5C6F5A



676880



766852

Square

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



676880



836262



6A6C53



497172

Rectangle

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



676880



7D6272



6A6C53



547061

Sweetspot

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



676880



9C9CA6



67807F



4E4E54



D4D4D4



545454

Same Dimension

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



676880



8081A6



726780



393A40



000580



000000

Inverse Universe

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



806768



A68081



758067



40393A



800005



000000

Previews

White Background



This preview shows how the Hex color 676880 looks on a white background.

Color Contrast Check

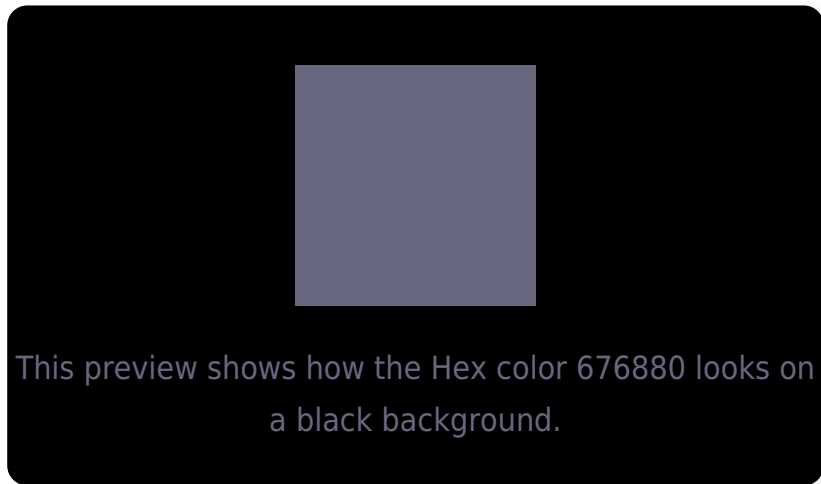
Large Text (above 18pt) WCAG AA ✓ Pass

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

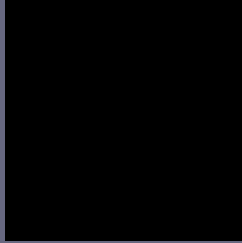
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

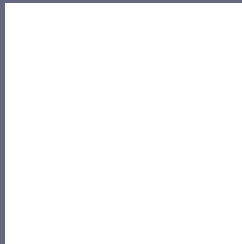
Any Text WCAG AAA × Fail

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

Hex 676880 Background



This preview shows how black text looks on a background with the Hex color 676880.



This preview shows how white text looks on a background with the Hex color 676880.

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
676880

Protanopia
646980

Deuteranopia
696780



Tritanopia
656A73

Trichromacy



Original Color
676880

Protanomaly
656980

Deuteranomaly
686780

Tritanomaly
666978

Monochromacy



Original Color
676880

Achromatopsia
6A6A6A

Achromatomaly
696972

CSS Examples

Text

The CSS property to change the color of the text to Hex 676880 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 #676880 looks like.

```
.text, #text, p{  
    color:#676880  
}
```

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 #676880 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #676880
}
```

Border

The CSS property to change the border of an element to Hex 676880 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
#676880 }
```

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

```
.border{ border-color:#676880 }
```

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

Here you see how a box with a 4 pixel #676880 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #676880; -webkit-box-shadow:4px 4px  
4px 4px #676880; box-shadow:4px 4px 4px  
4px #676880 }
```

Background

The CSS property to change the background color of an element to Hex 676880 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#676880 }
```

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

```
.background{ background-color:#676880 }
```

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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