

# Converting Colors

Hex(676884)

Have a look what the booklet for  
Hex(676884) contains.

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# Color

**Hex(676884)**

# Conversions

## Conversions Part 1

Format	Color
Hex	676884
RGB	103, 104, 132
RGB Percent	40%, 41%, 52%
CMY	0.5961, 0.5922, 0.4824
CMYK	0.22, 0.21, 0.00, 0.48
HSL	238°, 12%, 46%
HSV	238°, 22%, 52%
XYZ	14.7087, 14.4501, 23.8437
YIQ	106.8930, -9.5840, 8.4960

# Conversions

## Conversions Part 2

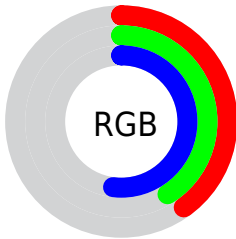
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	103, 104, 132
Decimal	6776964
CIE <sub>Lab</sub>	44.87, 6.06, -15.60
CIE <sub>LCh</sub>	45, 16.736, 291.240
Yxy	14.4501, 0.2775, 0.2726
Android (android.graphics.Color)	4284967044 (0xFF676884)
YUV	106.8930, 12.3778, -3.4142
Hunter-Lab	38.0133, 2.5446, -10.5801

# Details

The Hex color **676884** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **848367**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **9A9BB9**, and **373952** is the 20% darker color. If you saturate the color by 10%, you get **5A5B84**, and if you desaturate by 10%, it is **747584**.

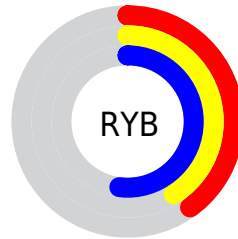
# Distribution



Red (40%)

Green (41%)

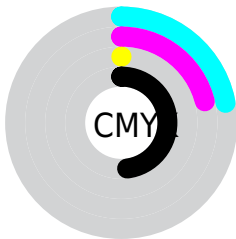
Blue (52%)



Red (40%)

Yellow (41%)

Blue (52%)

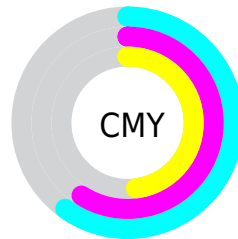


Cyan (22%)

Magenta (21%)

Yellow (0%)

Black (48%)



Cyan (60%)

Magenta (59%)

Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 676884 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 676884 by changing the saturation by 10% instead.



676884

676884

FFFFFF

4F506B

9A9BB9

373952

B5B6D5

21243B

D1D1F1

0C0E26

EEEEFF

000110

000000

676884

676884

5A5B84

747584

4D4F84

818184

■ 3F4284

■ 8F8E84

■ 323584

■ 9C9B84

■ 252884

■ A9A884

■ 181C84

■ B6B484

■ 0B0F84

■ C3C184

■ 000584

■ D1CE84

■ DEDB84

# Harmonies

## Analogous

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



546D85



676884



78637C

# Triad

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



676884



836355



4B7265

# Complementary

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



676884



848367

# 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.



5A7058



676884



78684F

# Square

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



676884



876161



6A6C50



437274

# Rectangle

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



676884



806173



6A6C50



507161



# Sweetspot

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



676884



9F9FAB



678483



505057



D6D6D6



575757



# Same Dimension

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



676884



7E80AB



746784



3C3C42



000482



000003



# Inverse Universe

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



846768



AB7E80



778467



423C3C



820004



030000



# Previews

## White Background



This preview shows how the Hex color 676884 looks on a white background.

## Color Contrast Check

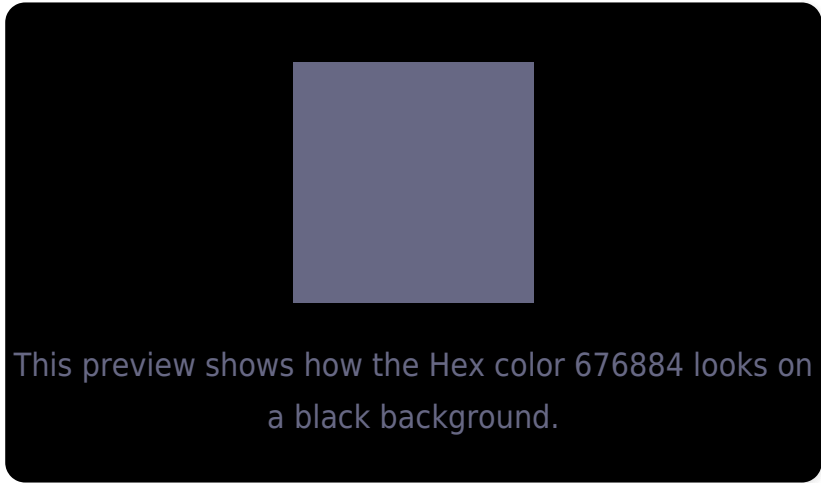
Large Text (above 18pt) WCAG AA ✓ Pass

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

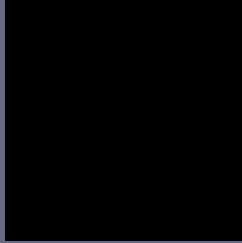
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 676884 Background



This preview shows how black text looks on a background with the Hex color 676884.



This preview shows how white text looks on a background with the Hex color 676884.

# 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](#).

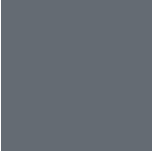
## Dichromacy



**Original Color**  
676884

**Protanopia**  
636985

**Deuteranopia**  
676884



**Tritanopia**  
646B73

# Trichromacy



**Original Color**

676884

**Protanomaly**

646985

**Deuteranomaly**

676884

**Tritanomaly**

656A79

# Monochromacy



**Original Color**

676884

**Achromatopsia**

6B6B6B

**Achromatomaly**

6A6A74

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 676884 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 #676884 looks like.

```
.text, #text, p{  
    color:#676884  
}
```

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 #676884 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #676884
}
```

## Border

The CSS property to change the border of an element to Hex 676884 is called "border". The border property can be set on classes, ids or directly on the HTML element.

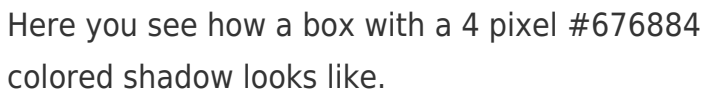
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#676884 }
```

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

```
.border{ border-color:#676884 }
```

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



Here you see how a box with a 4 pixel #676884 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #676884; -webkit-box-shadow:4px 4px  
4px 4px #676884; box-shadow:4px 4px 4px  
4px #676884 }
```

# Background

The CSS property to change the background color of an element to Hex 676884 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#676884 }
```

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

```
.background{ background-color:#676884 }
```

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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