

# Converting Colors

Hex(70658C)

Have a look what the booklet for  
Hex(70658C) contains.

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# Color

**Hex(70658C)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	70658C
RGB	112, 101, 140
RGB Percent	44%, 40%, 55%
CMY	0.5608, 0.6039, 0.4510
CMYK	0.20, 0.28, 0.00, 0.45
HSL	257°, 16%, 47%
HSV	257°, 28%, 55%
XYZ	16.0694, 14.6456, 26.7909
YIQ	108.7350, -5.9630, 14.4610

# Conversions

## Conversions Part 2

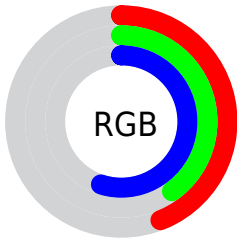
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	112, 101, 140
Decimal	7366028
CIE <sub>Lab</sub>	45.14, 12.92, -19.90
CIE <sub>LCh</sub>	45, 23.729, 302.990
Yxy	14.6456, 0.2794, 0.2547
Android (android.graphics.Color)	4285556108 (0xFF70658C)
YUV	108.7350, 15.4136, 2.8634
Hunter-Lab	38.2695, 7.9806, -14.7178

# Details

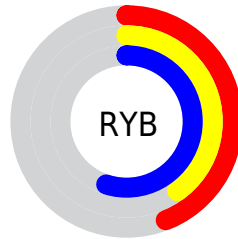
The Hex color **70658C** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **818C65**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **A498C2**, and **3F365A** is the 20% darker color. If you saturate the color by 10%, you get **66578C**, and if you desaturate by 10%, it is **7A738C**.

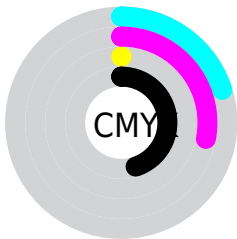
# Distribution



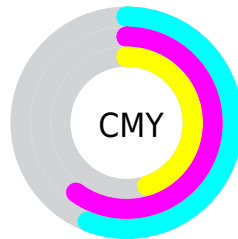
- Red (44%)
- Green (40%)
- Blue (55%)



- Red (44%)
- Yellow (40%)
- Blue (55%)



- Cyan (20%)
- Magenta (28%)
- Yellow (0%)
- Black (45%)



- Cyan (56%)
- Magenta (60%)
- Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 70658C 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 70658C by changing the saturation by 10% instead.





70658C



70658C

FFFFFF



574D72



A498C2



3F365A



C0B3DE



292142



DCCEFA



140B2C



F8EAFB



000117



000000



70658C



70658C



66578C



7A738C



5C498C



84818C

■ 523B8C

■ 8E8F8C

■ 482D8C

■ 989D8C

■ 3E1F8C

■ A2AB8C

■ 34118C

■ ACB98C

■ 2A038C

■ B6C78C

■ 27008C

■ C0D58C

■ CAE38C

# Harmonies

## Analogous

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



536C92



70658C



865F7D

# Triad

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



70658C



876348



33766C

# Complementary

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



70658C



818C65

# 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.



4A7458



70658C



766A43

# Square

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



70658C



915E56



617049



257580

# Rectangle

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



70658C



8E5C70



617049



3A7565



# Sweetspot

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



70658C



ABA7B5



65828C



55535C



DBDBDB



5C5C5C



# Same Dimension

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



70658C



8A79B5



83658C



403E45



250085



010005



# Inverse Universe

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



8C6581



B579A4



6E8C65



453E43



85005F



050004



# Previews

## White Background



This preview shows how the Hex color 70658C looks on a white background.

## Color Contrast Check

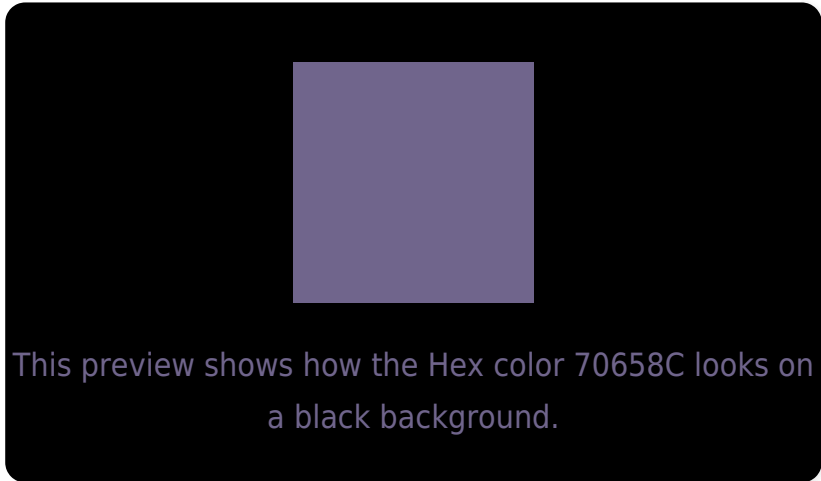
Large Text (above 18pt) WCAG AA ✓ Pass

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

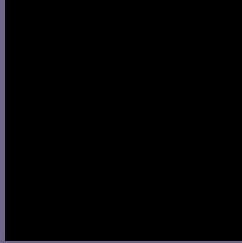
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 70658C Background



This preview shows how black text looks on a background with the Hex color 70658C.



This preview shows how white text looks on a background with the Hex color 70658C.

# 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**  
70658C

**Protanopia**  
606A8F

**Deuteranopia**  
64698B



**Tritanopia**  
6B6A72

# Trichromacy



**Original Color**

70658C

**Protanomaly**

66688E

**Deuteranomaly**

68688B

**Tritanomaly**

6D687B

# Monochromacy



**Original Color**

70658C

**Achromatopsia**

6D6D6D

**Achromatomaly**

6E6A78

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 70658C 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 #70658C looks like.

```
.text, #text, p{  
    color:#70658C  
}
```

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 #70658C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #70658C
}
```

## Border

The CSS property to change the border of an element to Hex 70658C is called "border". The border property can be set on classes, ids or directly on the HTML element.

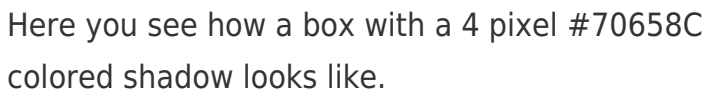
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#70658C }
```

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

```
.border{ border-color:#70658C }
```

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



Here you see how a box with a 4 pixel #70658C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #70658C; -webkit-box-shadow:4px 4px  
4px 4px #70658C; box-shadow:4px 4px 4px  
4px #70658C }
```

# Background

The CSS property to change the background color of an element to Hex 70658C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#70658C }
```

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

```
.background{ background-color:#70658C }
```

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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