

Converting Colors

Hex(70738F)

Have a look what the booklet for
Hex(70738F) contains.

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Color

Hex(70738F)

Conversions

Conversions Part 1

Format	Color
Hex	70738F
RGB	112, 115, 143
RGB Percent	44%, 45%, 56%
CMY	0.5608, 0.5490, 0.4392
CMYK	0.22, 0.20, 0.00, 0.44
HSL	234°, 12%, 50%
HSV	234°, 22%, 56%
XYZ	17.7708, 17.6894, 28.4644
YIQ	117.2950, -10.7760, 8.0720

Conversions

Conversions Part 2

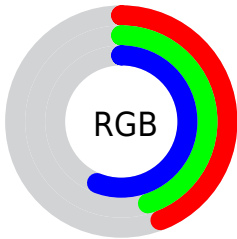
Format	Color
R_{YB}	112, 115, 143
Decimal	7369615
CIE _{Lab}	49.12, 5.23, -15.61
CIE _{LCh}	49, 16.464, 288.522
Yxy	17.6894, 0.2780, 0.2767
Android (android.graphics.Color)	4285559695 (0xFF70738F)
YUV	117.2950, 12.6726, -4.6437
Hunter-Lab	42.0587, 1.8174, -10.6850

Details

The Hex color **70738F** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **8F8C70**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **A4A7C5**, and **40435D** is the 20% darker color. If you saturate the color by 10%, you get **62668F**, and if you desaturate by 10%, it is **7E808F**.

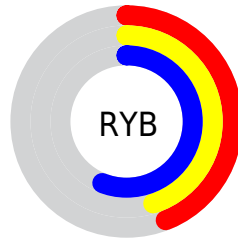
Distribution



 Red (44%)

 Green (45%)

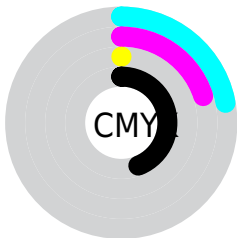
 Blue (56%)



 Red (44%)

 Yellow (45%)

 Blue (56%)

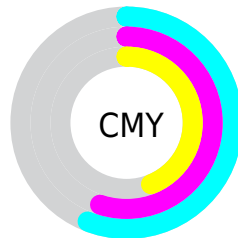



 Cyan (22%)


 Magenta (20%)

 Yellow (0%)

 Black (44%)



 Cyan (56%)

 Magenta (55%)

 Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 70738F 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 70738F by changing the saturation by 10% instead.

■ 70738F

■ 70738F

FFFFFF

■ 575A75

■ A4A7C5

■ 40435D

■ BFC2E1

■ 292D45

■ DBDEFD

■ 13192F

■ F8FAFF

■ 00001A

■ 000000

■ 70738F

■ 70738F

■ 62668F

■ 7E808F

■ 53598F

■ 8D8D8F

■ 454C8F

■ 9B9A8F

■ 373F8F

■ A9A78F

■ 29328F

■ B8B48F

■ 1A268F

■ C6C08F

■ 0C198F

■ D4CD8F

■ 000E8F

■ E2DA8F

■ F1E78F

Harmonies

Analogous

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



5D7890



70738F



816E87

Triad

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



70738F



8E6E60



577C6F

Complementary

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



70738F



8F8C70

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.



667A62



70738F



84725A

Square

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



70738F



926B6C



76775A



4E7D7D

Rectangle

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



70738F



8A6C7F



76775A



5C7C6A

Sweetspot

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



70738F



ADAEBA



708F8C



57585E



DEDEDE



5E5E5E

Same Dimension

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



70738F



8A8EBA



7C708F



404147



000D87



000108

Inverse Universe

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



8F7073



BA8A8E



838F70



474041



87000D



080001

Previews

White Background



This preview shows how the Hex color 70738F looks on a white background.

Color Contrast Check

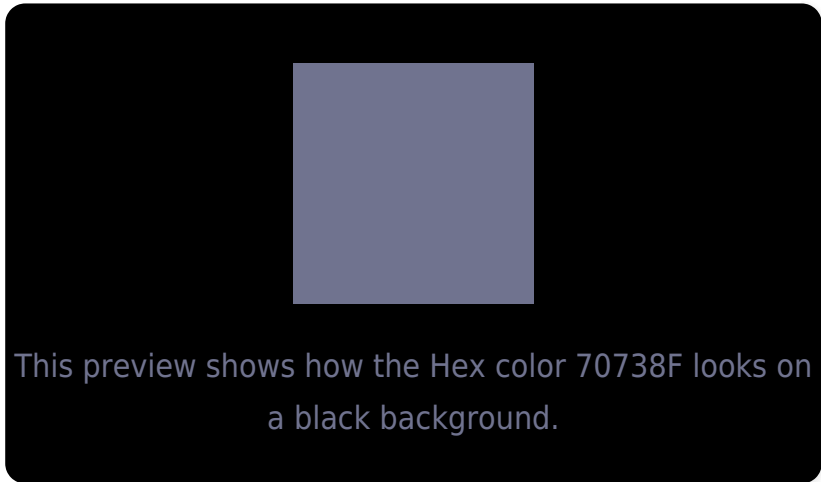
Large Text (above 18pt) WCAG AA ✓ Pass

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

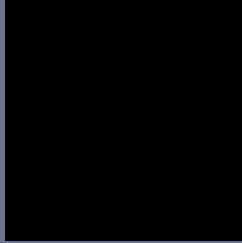
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

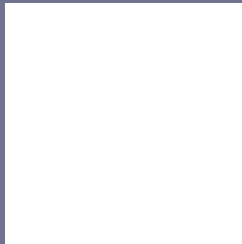
Any Text WCAG AAA × Fail

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

Hex 70738F Background



This preview shows how black text looks on a background with the Hex color 70738F.



This preview shows how white text looks on a background with the Hex color 70738F.

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](#).

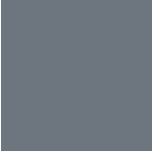
Dichromacy



Original Color
70738F

Protanopia
6E738F

Deuteranopia
73728F



Tritanopia
6D767F

Trichromacy



Original Color
70738F

Protanomaly
6F738F

Deuteranomaly
72728F

Tritanomaly
6E7585

Monochromacy



Original Color
70738F

Achromatopsia
757575

Achromatomaly
73747E

CSS Examples

Text

The CSS property to change the color of the text to Hex 70738F 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 #70738F looks like.

```
.text, #text, p{  
    color:#70738F  
}
```

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 #70738F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #70738F
}
```

Border

The CSS property to change the border of an element to Hex 70738F 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
#70738F }
```

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

```
.border{ border-color:#70738F }
```

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

Here you see how a box with a 4 pixel #70738F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #70738F; -webkit-box-shadow:4px 4px  
4px 4px #70738F; box-shadow:4px 4px 4px  
4px #70738F }
```

Background

The CSS property to change the background color of an element to Hex 70738F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#70738F }
```

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

```
.background{ background-color:#70738F }
```

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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