

Converting Colors

Hex(70398F)

Have a look what the booklet for
Hex(70398F) contains.

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Color

Hex(70398F)

Conversions

Conversions Part 1

Format	Color
Hex	70398F
RGB	112, 57, 143
RGB Percent	44%, 22%, 56%
CMY	0.5608, 0.7765, 0.4392
CMYK	0.22, 0.60, 0.00, 0.44
HSL	278°, 43%, 39%
HSV	278°, 60%, 56%
XYZ	13.1031, 8.3542, 26.9085
YIQ	83.2490, 5.1740, 38.4060

Conversions

Conversions Part 2

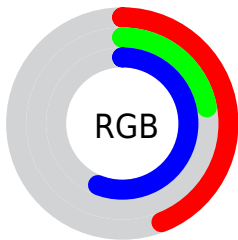
Format	Color
R_{YB}	112, 57, 143
Decimal	7354767
CIE _{Lab}	34.71, 39.72, -38.08
CIE _{LCh}	35, 55.022, 316.208
Yxy	8.3542, 0.2709, 0.1727
Android (android.graphics.Color)	4285544847 (0xFF70398F)
YUV	83.2490, 29.4572, 25.2146
Hunter-Lab	28.9036, 30.3399, -34.9650

Details

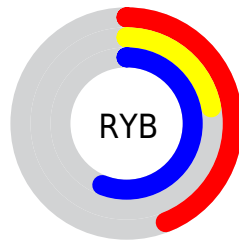
The Hex color **70398F** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **588F39**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **A66BC5**, and **3C055C** is the 20% darker color. If you saturate the color by 10%, you get **6B2B8F**, and if you desaturate by 10%, it is **75478F**.

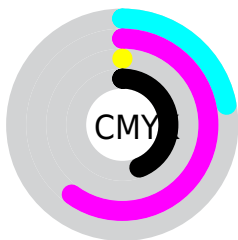
Distribution



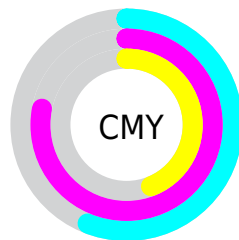
- Red (44%)
- Green (22%)
- Blue (56%)



- Red (44%)
- Yellow (22%)
- Blue (56%)



- Cyan (22%)
- Magenta (60%)
- Yellow (0%)
- Black (44%)



- Cyan (56%)
- Magenta (78%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 70398F 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 70398F by changing the saturation by 10% instead.

 70398F

 70398F

FFFFFF

 562175

 A66BC5

 3C055C

 C285E2

 240044

 DFA0FE

 04002D

 FCBBFF

 000117

 FFD7FF

 000000

 FFF4FF

 70398F

 70398F

 6B2B8F

 75478F

661C8F

7A568F

610E8F

7F648F

5B008F

85728F

8A818F

8F8F8F

949D8F

99AB8F

9EBA8F

Harmonies

Analogous

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



004FA7



70398F



952068

Triad

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



70398F



744800



006569

Complementary

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



70398F



588F39

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.



00633B



70398F



4E5700

Square

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



70398F



903311



0E5F09



006391

Rectangle

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



70398F



9D184B



0E5F09



00655A

Sweetspot

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



70398F



AE99BA



39598F



574A5E



DEDEDE



5E5E5E

Same Dimension

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



70398F



8A34BA



8F3984



454047



560087



050008

Inverse Universe

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



8F3958



BA3464



398F44



474043



870031



080003

Previews

White Background



This preview shows how the Hex color 70398F looks on a white background.

Color Contrast Check

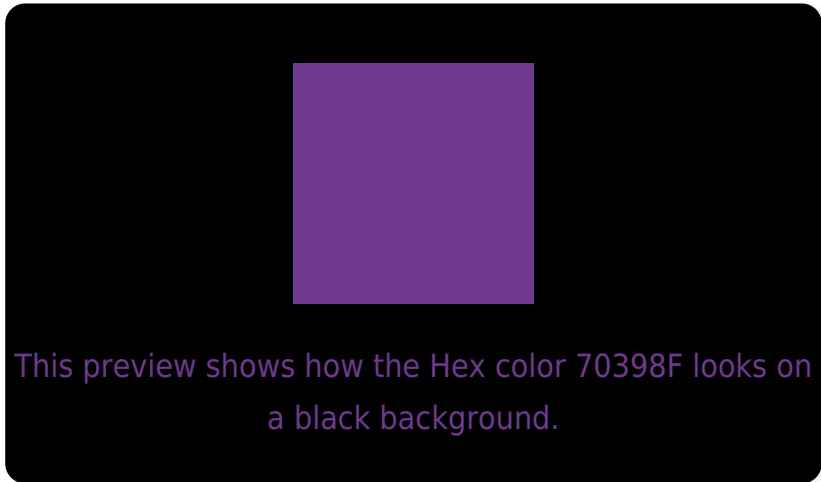
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

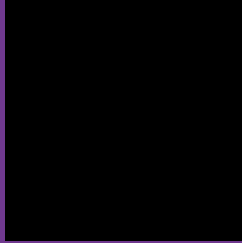
Any Text WCAG AA × Fail

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 70398F Background



This preview shows how black text looks on a background with the Hex color 70398F.

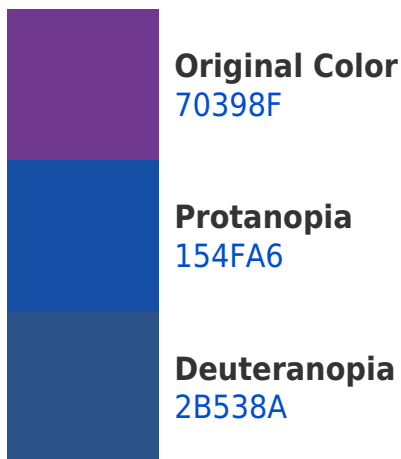


This preview shows how white text looks on a background with the Hex color 70398F.

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





Tritanopia
664B50

Trichromacy



Original Color
70398F

Protanomaly
36479E

Deuteranomaly
444A8C

Tritanomaly
6A4467

Monochromacy



Original Color
70398F

Achromatopsia
535353

Achromatomaly
5E4A69

CSS Examples

Text

The CSS property to change the color of the text to Hex 70398F 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 #70398F looks like.

```
.text, #text, p{  
    color:#70398F  
}
```

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 #70398F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #70398F
}
```

Border

The CSS property to change the border of an element to Hex 70398F is called "border". The border property can be set on classes, ids or directly on the HTML element.

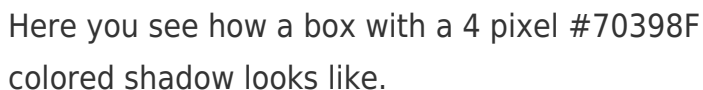
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#70398F }
```

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

```
.border{ border-color:#70398F }
```

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



Here you see how a box with a 4 pixel #70398F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #70398F; -webkit-box-shadow:4px 4px  
4px 4px #70398F; box-shadow:4px 4px 4px  
4px #70398F }
```

Background

The CSS property to change the background color of an element to Hex 70398F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#70398F }
```

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

```
.background{ background-color:#70398F }
```

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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