

# Converting Colors

Hex(70458F)

Have a look what the booklet for  
Hex(70458F) contains.

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# Color

**Hex(70458F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	70458F
RGB	112, 69, 143
RGB Percent	44%, 27%, 56%
CMY	0.5608, 0.7294, 0.4392
CMYK	0.22, 0.52, 0.00, 0.44
HSL	275°, 35%, 42%
HSV	275°, 52%, 56%
XYZ	13.7681, 9.6842, 27.1302
YIQ	90.2930, 1.8740, 32.1300

# Conversions

## Conversions Part 2

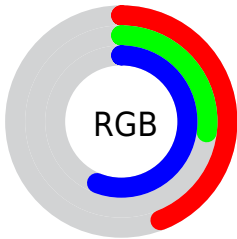
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	112, 69, 143
Decimal	7357839
CIE Lab	37.27, 32.98, -34.01
CIE LCh	37, 47.375, 314.123
Yxy	9.6842, 0.2722, 0.1915
Android (android.graphics.Color)	4285547919 (0xFF70458F)
YUV	90.2930, 25.9846, 19.0370
Hunter-Lab	31.1194, 24.5148, -29.9060

# Details

The Hex color **70458F** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **648F45**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **A577C5**, and **3D165C** is the 20% darker color. If you saturate the color by 10%, you get **6A378F**, and if you desaturate by 10%, it is **76538F**.

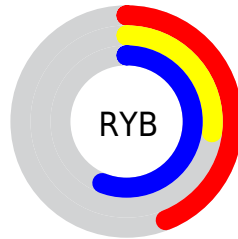
# Distribution



Red (44%)

Green (27%)

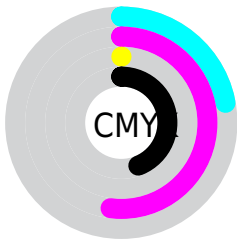
Blue (56%)



Red (44%)

Yellow (27%)

Blue (56%)

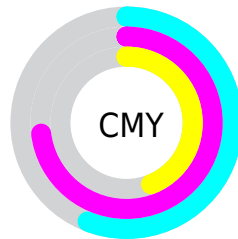


Cyan (22%)

Magenta (52%)

Yellow (0%)

Black (44%)



Cyan (56%)

Magenta (73%)

Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 70458F 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 70458F by changing the saturation by 10% instead.



 70458F

 70458F

FFFFFF

 562D75

 A577C5

 3D165C

 C191E1

 250044

 DEACFE

 0E002D

 FBC7FF

 000118

 FFE3FF

 000000

 70458F

 70458F

 6A378F

 76538F

 64288F

 7C628F

5E1A8F

82708F

580C8F

887E8F

53008F

8E8D8F

949B8F

9AA98F

A0B78F

A6C68F

# Harmonies

## Analogous

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



2656A2



70458F



92346E

# Triad

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



70458F



7A4E02



006969

# Complementary

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



70458F



648F45

# 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.



006841



70458F



595C00

# Square

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



70458F



923E24



2C641C



00688C

# Rectangle

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



70458F



9B3054



2C641C



00695C



# Sweetspot

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



70458F



AE9CBA



45658F



574C5E



DEDEDE



5E5E5E



# Same Dimension

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



70458F



8A47BA



8F458A



444047



4F0087



040008



# Inverse Universe

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



8F4564



BA4777



458F4A



474043



870039

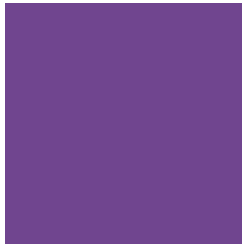


080003



# Previews

## White Background



This preview shows how the Hex color 70458F looks on a white background.

## Color Contrast Check

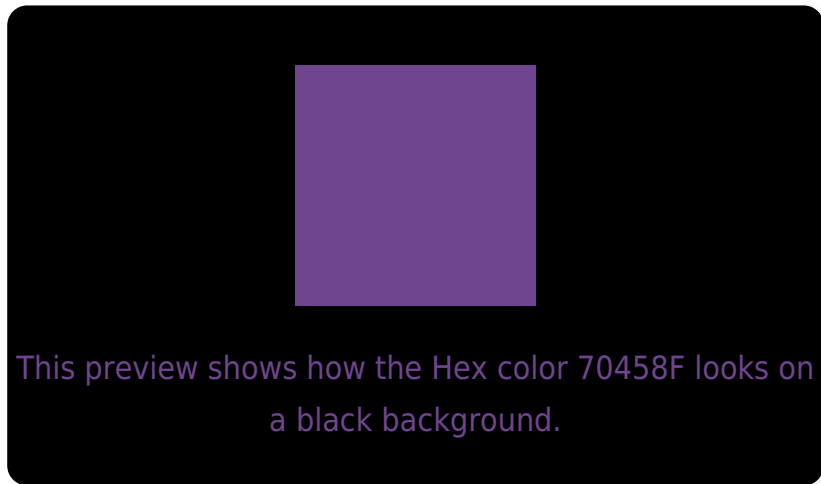
Large Text (above 18pt) WCAG AA ✓ Pass

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

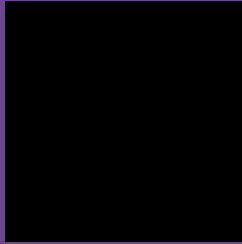
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 70458F Background



This preview shows how black text looks on a background with the Hex color 70458F.




This preview shows how white text looks on a background with the Hex color 70458F.

# 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**  
675259

# Trichromacy



**Original Color**  
70458F

**Protanomaly**  
4A5099

**Deuteranomaly**  
4F518C

**Tritanomaly**  
6A4D6D

# Monochromacy



**Original Color**  
70458F

**Achromatopsia**  
5A5A5A

**Achromatomaly**  
62526D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 70458F 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 #70458F looks like.

```
.text, #text, p{  
    color:#70458F  
}
```

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 #70458F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #70458F
}
```

## Border

The CSS property to change the border of an element to Hex 70458F is called "border". The border property can be set on classes, ids or directly on the HTML element.

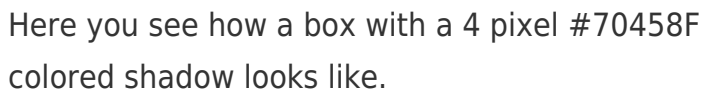
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#70458F }
```

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

```
.border{ border-color:#70458F }
```

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



Here you see how a box with a 4 pixel #70458F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #70458F; -webkit-box-shadow:4px 4px  
4px 4px #70458F; box-shadow:4px 4px 4px  
4px #70458F }
```

# Background

The CSS property to change the background color of an element to Hex 70458F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#70458F }
```

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

```
.background{ background-color:#70458F }
```

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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