

# Converting Colors

Hex(70378D)

Have a look what the booklet for  
Hex(70378D) contains.

<b>Hex(70378D)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(70378D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	70378D
RGB	112, 55, 141
RGB Percent	44%, 22%, 55%
CMY	0.5608, 0.7843, 0.4471
CMYK	0.21, 0.61, 0.00, 0.45
HSL	280°, 44%, 38%
HSV	280°, 61%, 55%
XYZ	12.8560, 8.1002, 26.0852
YIQ	81.8470, 6.3660, 38.8300

# Conversions

## Conversions Part 2

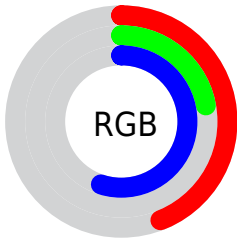
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	112, 55, 141
Decimal	7354253
CIE <sub>Lab</sub>	34.19, 40.32, -37.68
CIE <sub>LCh</sub>	34, 55.186, 316.940
Yxy	8.1002, 0.2733, 0.1722
Android (android.graphics.Color)	4285544333 (0xFF70378D)
YUV	81.8470, 29.1624, 26.4442
Hunter-Lab	28.4609, 30.8233, -34.4184

# Details

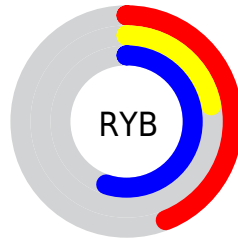
The Hex color **70378D** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **548D37**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **A669C3**, and **3C025A** is the 20% darker color. If you saturate the color by 10%, you get **6B298D**, and if you desaturate by 10%, it is **75458D**.

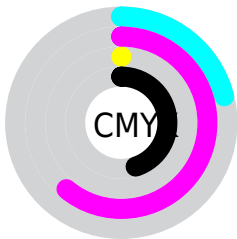
# Distribution



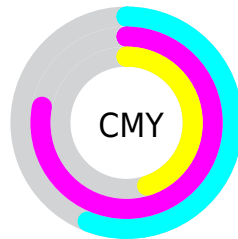
- Red (44%)
- Green (22%)
- Blue (55%)



- Red (44%)
- Yellow (22%)
- Blue (55%)



- Cyan (21%)
- Magenta (61%)
- Yellow (0%)
- Black (45%)



- Cyan (56%)
- Magenta (78%)
- Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 70378D 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 70378D by changing the saturation by 10% instead.



70378D

70378D

FFFFFF

561E73

A669C3

3C025A

C283DF

240042

DF9EFC

02002B

FCB9FF

000115

FFD5FF

000000

FFF2FF

70378D

70378D

6B298D

75458D

661B8D

7A538D

620D8D

7E618D

5D008D

836F8D

887E8D

8D8C8D

919A8D

96A88D

9BB68D

# Harmonies

## Analogous

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



044DA5



70378D



941D65

# Triad

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



70378D



724700



006369

# Complementary

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



70378D



548D37

# 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.



00623B



70378D



4B5600

# Square

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



70378D



8F320F



065E08



006290

# Rectangle

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



70378D



9C1648



065E08



00635A



# Sweetspot

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



70378D



AC97B8



37558D



55485C



DBDBDB



5C5C5C



# Same Dimension

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



70378D



8A32B8



8D3780



454047



5A0087



050008



# Inverse Universe

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



8D3754



B8325F



378D44



474043



87002E



080003



# Previews

## White Background



This preview shows how the Hex color 70378D looks on a white background.

## Color Contrast Check

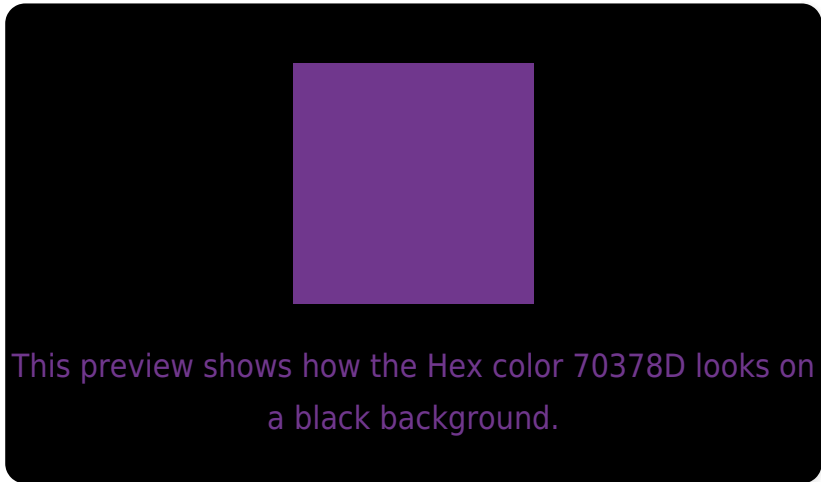
Large Text (above 18pt) WCAG AA ✓ Pass

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

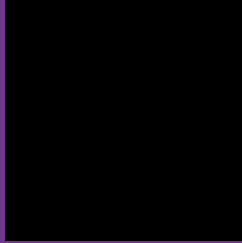
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 70378D Background



This preview shows how black text looks on a background with the Hex color 70378D.

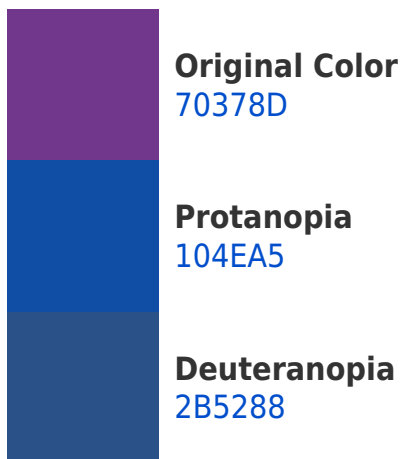



This preview shows how white text looks on a background with the Hex color 70378D.

# 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](#).

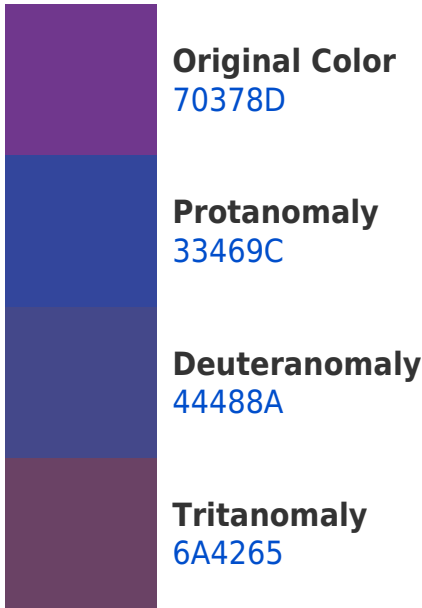
## Dichromacy



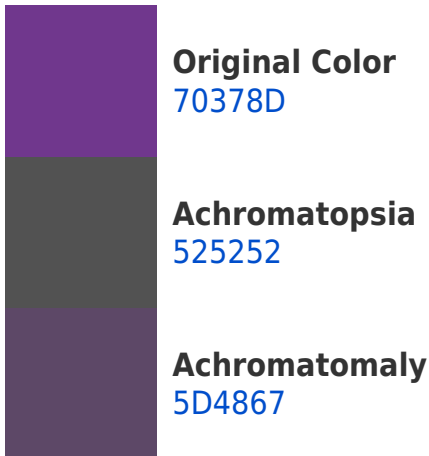


**Tritanopia**  
66494E

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 70378D 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 #70378D looks like.

```
.text, #text, p{  
    color:#70378D  
}
```

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 #70378D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #70378D
}
```

## Border

The CSS property to change the border of an element to Hex 70378D is called "border". The border property can be set on classes, ids or directly on the HTML element.

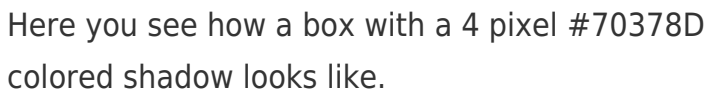
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#70378D }
```

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

```
.border{ border-color:#70378D }
```

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



Here you see how a box with a 4 pixel #70378D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #70378D; -webkit-box-shadow:4px 4px  
4px 4px #70378D; box-shadow:4px 4px 4px  
4px #70378D }
```

# Background

The CSS property to change the background color of an element to Hex 70378D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#70378D }
```

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

```
.background{ background-color:#70378D }
```

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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