

# Converting Colors

Hex(77538F)

Have a look what the booklet for  
Hex(77538F) contains.

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# Color

**Hex(77538F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	77538F
RGB	119, 83, 143
RGB Percent	47%, 33%, 56%
CMY	0.5333, 0.6745, 0.4392
CMYK	0.17, 0.42, 0.00, 0.44
HSL	276°, 27%, 44%
HSV	276°, 42%, 56%
XYZ	15.6589, 12.0916, 27.4952
YIQ	100.6040, 2.1960, 26.2920

# Conversions

## Conversions Part 2

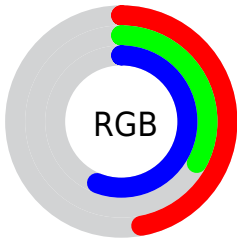
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	119, 83, 143
Decimal	7820175
CIE <sub>Lab</sub>	41.36, 26.85, -27.52
CIE <sub>LCh</sub>	41, 38.448, 314.303
Yxy	12.0916, 0.2834, 0.2189
Android (android.graphics.Color)	4286010255 (0xFF77538F)
YUV	100.6040, 20.9012, 16.1333
Hunter-Lab	34.7730, 19.5291, -22.5398

# Details

The Hex color **77538F** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **6B8F53**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **AC85C5**, and **45255C** is the 20% darker color. If you saturate the color by 10%, you get **71458F**, and if you desaturate by 10%, it is **7D618F**.

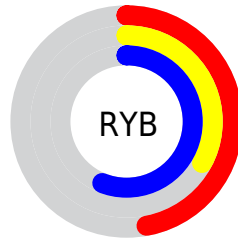
# Distribution



Red (47%)

Green (33%)

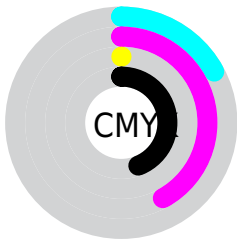
Blue (56%)



Red (47%)

Yellow (33%)

Blue (56%)

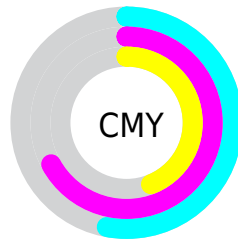


Cyan (17%)

Magenta (42%)

Yellow (0%)

Black (44%)



Cyan (53%)

Magenta (67%)

Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 77538F 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 77538F by changing the saturation by 10% instead.



■ 77538F

■ 77538F

FFFFFF

■ 5E3B75

■ AC85C5

■ 45255C

■ C8A0E1

■ 2D0F44

■ E4BBFE

■ 1B002E

■ FFD7FF

■ 000118

■ FFF3FF

■ 000000

■ 77538F

■ 77538F

■ 71458F

■ 7D618F

■ 6C368F

■ 82708F

66288F

887E8F

601A8F

8E8C8F

5A0C8F

949B8F

56008F

99A98F

9FB78F

A5C58F

AAD48F

# Harmonies

## Analogous

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



45609F



77538F



934873

# Triad

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



77538F



815A23



007170

# Complementary

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



77538F



6B8F53

# 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.



00704F



77538F



656520

# Square

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



77538F



954E37



416C32



006F8D

# Rectangle

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



77538F



9B455E



416C32



007165



# Sweetspot

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



77538F



B0A2BA



536B8F



584F5E



DEDEDE



5E5E5E



# Same Dimension

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



77538F



955DBA



8F5389



454047



510087



050008



# Inverse Universe

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



8F536B



BA5D82



538F59



474043



870036

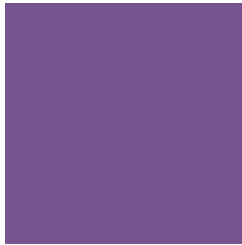


080003



# Previews

## White Background



This preview shows how the Hex color 77538F 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

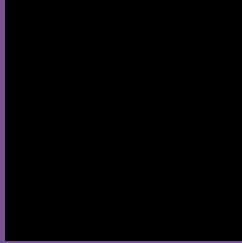
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 77538F Background



This preview shows how black text looks on a background with the Hex color 77538F.



This preview shows how white text looks on a background with the Hex color 77538F.

# 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**  
77538F

**Protanopia**  
4C609A

**Deuteranopia**  
51618C



**Tritanopia**  
705C64

# Trichromacy



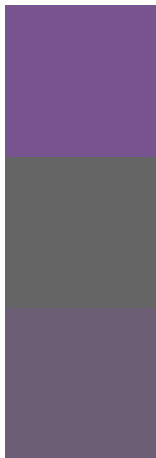
**Original Color**  
77538F

**Protanomaly**  
5C5B96

**Deuteranomaly**  
5F5C8D

**Tritanomaly**  
735974

# Monochromacy



**Original Color**  
77538F

**Achromatopsia**  
656565

**Achromatomaly**  
6C5E74

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 77538F 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 #77538F looks like.

```
.text, #text, p{  
    color:#77538F  
}
```

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 #77538F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #77538F
}
```

## Border

The CSS property to change the border of an element to Hex 77538F is called "border". The border property can be set on classes, ids or directly on the HTML element.

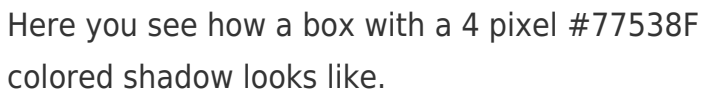
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#77538F }
```

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

```
.border{ border-color:#77538F }
```

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



Here you see how a box with a 4 pixel #77538F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #77538F; -webkit-box-shadow:4px 4px  
4px 4px #77538F; box-shadow:4px 4px 4px  
4px #77538F }
```

# Background

The CSS property to change the background color of an element to Hex 77538F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#77538F }
```

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

```
.background{ background-color:#77538F }
```

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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