

# Converting Colors

Hex(7D458F)

Have a look what the booklet for  
Hex(7D458F) contains.

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# Color

**Hex(7D458F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7D458F
RGB	125, 69, 143
RGB Percent	49%, 27%, 56%
CMY	0.5098, 0.7294, 0.4392
CMYK	0.13, 0.52, 0.00, 0.44
HSL	285°, 35%, 42%
HSV	285°, 52%, 56%
XYZ	15.5435, 10.5994, 27.2133
YIQ	94.1800, 9.6220, 34.8860

# Conversions

## Conversions Part 2

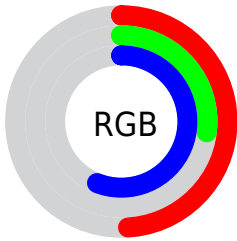
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	125, 69, 143
Decimal	8209807
CIE Lab	38.90, 36.80, -31.33
CIE LCh	39, 48.330, 319.590
Yxy	10.5994, 0.2913, 0.1987
Android (android.graphics.Color)	4286399887 (0xFF7D458F)
YUV	94.1800, 24.0683, 27.0291
Hunter-Lab	32.5567, 28.2467, -26.7692

# Details

The Hex color **7D458F** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **578F45**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **B377C5**, and **4A145C** is the 20% darker color. If you saturate the color by 10%, you get **7A378F**, and if you desaturate by 10%, it is **80538F**.

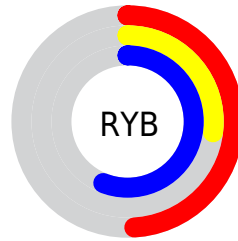
# Distribution



Red (49%)

Green (27%)

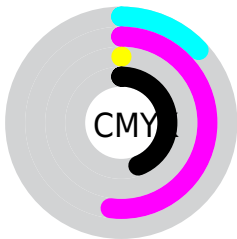
Blue (56%)



Red (49%)

Yellow (27%)

Blue (56%)

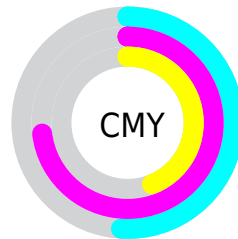


Cyan (13%)

Magenta (52%)

Yellow (0%)

Black (44%)



Cyan (51%)

Magenta (73%)

Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7D458F 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 7D458F by changing the saturation by 10% instead.



7D458F

7D458F

FFFFFF

632D75

B377C5

4A145C

CF92E1

310044

ECADFE

1E002E

FFC8FF

000118

FFE5FF

000000

7D458F

7D458F

7A378F

80538F

76288F

84628F

 731A8F

 87708F

 6F0C8F

 8B7E8F

 6C008F

 8E8D8F

 929B8F

 95A98F

 99B78F

 9CC68F

# Harmonies

## Analogous

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



3E57A6



7D458F



9B356B

# Triad

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



7D458F



7A5500



006E75

# Complementary

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



7D458F



578F45

# 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.



006D4C



7D458F



566100

# Square

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



7D458F



944420



236925



006B97

# Rectangle

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



7D458F



A23351



236925



006E68



# Sweetspot

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



7D458F



B39CBA



45588F



5A4C5E



DEDEDE



5E5E5E



# Same Dimension

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



7D458F



9E47BA



8F457D



464047



660087



060008



# Inverse Universe

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



8F4557



BA4763



458F58



474042



870021



080002



# Previews

## White Background



This preview shows how the Hex color 7D458F looks on a white background.

## Color Contrast Check

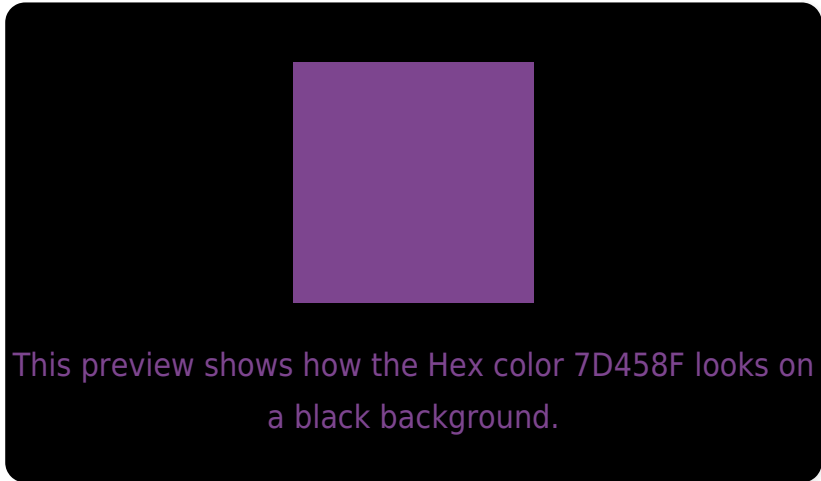
Large Text (above 18pt) WCAG AA ✓ Pass

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

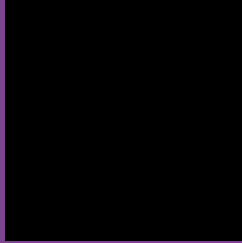
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 7D458F Background



This preview shows how black text looks on a background with the Hex color 7D458F.



This preview shows how white text looks on a background with the Hex color 7D458F.

# 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**  
7D458F

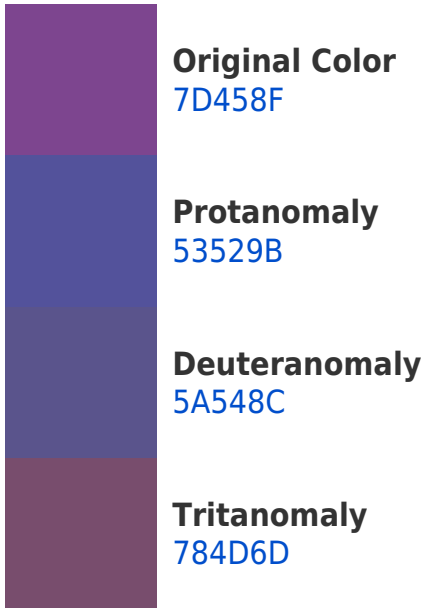
**Protanopia**  
3B5AA2

**Deuteranopia**  
465C8B

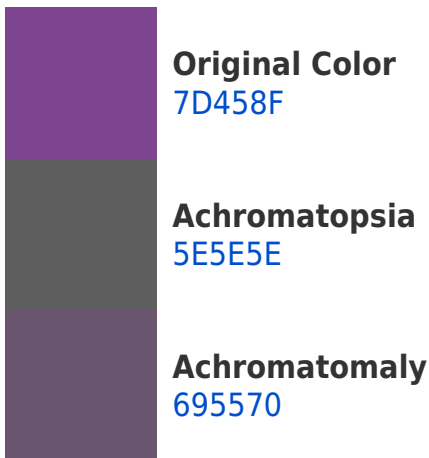


**Tritanopia**  
755259

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7D458F 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 #7D458F looks like.

```
.text, #text, p{  
    color:#7D458F  
}
```

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 #7D458F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7D458F
}
```

## Border

The CSS property to change the border of an element to Hex 7D458F is called "border". The border property can be set on classes, ids or directly on the HTML element.

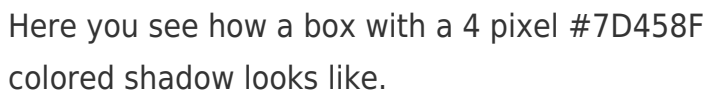
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7D458F }
```

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

```
.border{ border-color:#7D458F }
```

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



Here you see how a box with a 4 pixel #7D458F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7D458F; -webkit-box-shadow:4px 4px  
4px 4px #7D458F; box-shadow:4px 4px 4px  
4px #7D458F }
```

# Background

The CSS property to change the background color of an element to Hex 7D458F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7D458F }
```

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

```
.background{ background-color:#7D458F }
```

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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