

# Converting Colors

Hex(98408D)

Have a look what the booklet for  
Hex(98408D) contains.

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# Color

**Hex(98408D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	98408D
RGB	152, 64, 141
RGB Percent	60%, 25%, 55%
CMY	0.4039, 0.7490, 0.4471
CMYK	0.00, 0.58, 0.07, 0.40
HSL	308°, 41%, 42%
HSV	308°, 58%, 60%
XYZ	19.5900, 12.2653, 26.5342
YIQ	99.0900, 27.7310, 42.6030

# Conversions

## Conversions Part 2

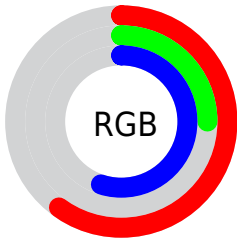
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	152, 64, 141
Decimal	9977997
CIE <sub>Lab</sub>	41.63, 46.92, -25.55
CIE <sub>LCh</sub>	42, 53.431, 331.428
Yxy	12.2653, 0.3355, 0.2101
Android (android.graphics.Color)	4288168077 (0xFF98408D)
YUV	99.0900, 20.6616, 46.4021
Hunter-Lab	35.0218, 38.5586, -20.4057

# Details

The Hex color **98408D** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **40984B**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **D074C3**, and **62035A** is the 20% darker color. If you saturate the color by 10%, you get **98318B**, and if you desaturate by 10%, it is **984F8F**.

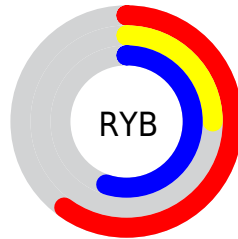
# Distribution



Red (60%)

Green (25%)

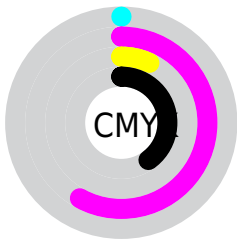
Blue (55%)



Red (60%)

Yellow (25%)

Blue (55%)

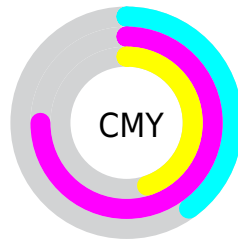


Cyan (0%)

Magenta (58%)

Yellow (7%)

Black (40%)



Cyan (40%)

Magenta (75%)

Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 98408D 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 98408D by changing the saturation by 10% instead.



98408D

98408D

FFFFFF

7D2573

D074C3

62035A

ED8FDF

480043

FFABFC

31002C

FFC7FF

0F0017

FFE3FF

000000

98408D

98408D

98318B

984F8F

982289

985E91

 981287

 986E93

 980385

 987D95

 980085

 988C96

 989B98

 98AA9A

 98BA9C

 98C99E

# Harmonies

## Analogous

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



6355AE



98408D



AE3362

# Triad

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



98408D



756100



00768F

# Complementary

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



98408D



40984B

# 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.



007663



98408D



486D06

# Square

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



98408D



97500E



007336



0071AF

# Rectangle

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



98408D



AF3745



007336



007681



# Sweetspot

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



98408D



C4A3C0



4A4098



635061



E3E3E3



636363



# Same Dimension

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



98408D



C43DB3



984062



4D454C



8C007B



0D000B



# Inverse Universe

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



98408D



C43DB3



409876



4D454C



8C007B



0D000B



# Previews

## White Background



This preview shows how the Hex color 98408D looks on a white background.

## Color Contrast Check

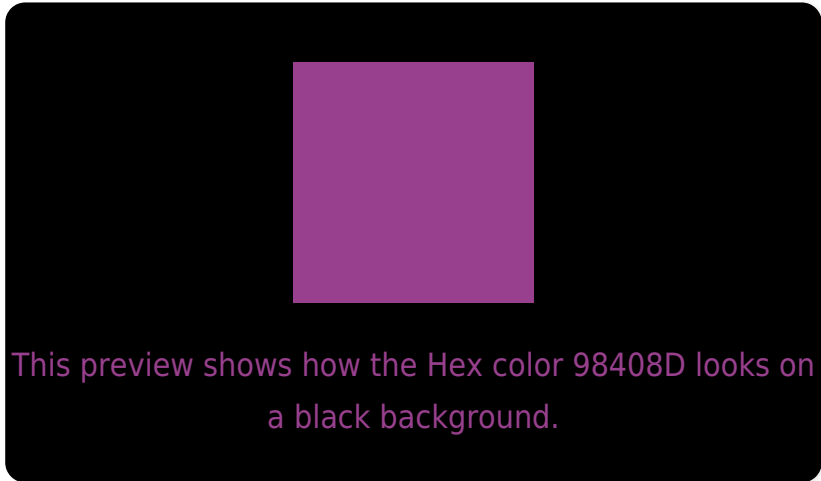
Large Text (above 18pt) WCAG AA ✓ Pass

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

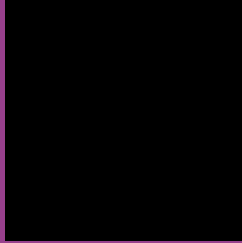
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 98408D Background



This preview shows how black text looks on a background with the Hex color 98408D.

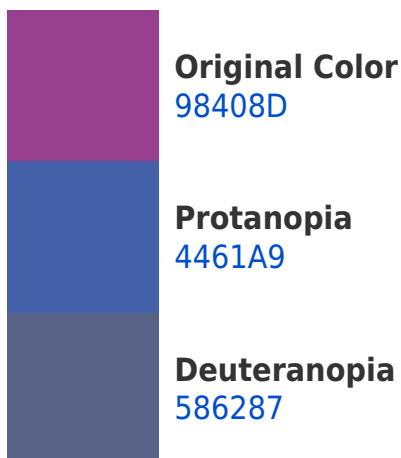


This preview shows how white text looks on a background with the Hex color 98408D.

# 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**  
924F54

# Trichromacy



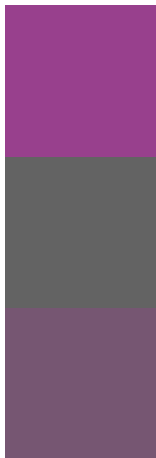
**Original Color**  
98408D

**Protanomaly**  
63559F

**Deuteranomaly**  
6F5689

**Tritanomaly**  
944A69

# Monochromacy



**Original Color**  
98408D

**Achromatopsia**  
636363

**Achromatomaly**  
765672

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 98408D 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 #98408D looks like.

```
.text, #text, p{  
    color:#98408D  
}
```

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 #98408D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #98408D
}
```

## Border

The CSS property to change the border of an element to Hex 98408D is called "border". The border property can be set on classes, ids or directly on the HTML element.

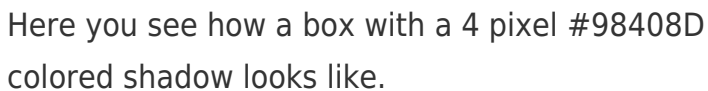
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#98408D }
```

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

```
.border{ border-color:#98408D }
```

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



Here you see how a box with a 4 pixel #98408D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #98408D; -webkit-box-shadow:4px 4px  
4px 4px #98408D; box-shadow:4px 4px 4px  
4px #98408D }
```

# Background

The CSS property to change the background color of an element to Hex 98408D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#98408D }
```

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

```
.background{ background-color:#98408D }
```

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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