

# Converting Colors

Hex(60398F)

Have a look what the booklet for  
Hex(60398F) contains.

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# Color

**Hex(60398F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	60398F
RGB	96, 57, 143
RGB Percent	38%, 22%, 56%
CMY	0.6235, 0.7765, 0.4392
CMYK	0.33, 0.60, 0.00, 0.44
HSL	267°, 43%, 39%
HSV	267°, 60%, 56%
XYZ	11.2449, 7.3962, 26.8215
YIQ	78.4650, -4.3620, 35.0140

# Conversions

## Conversions Part 2

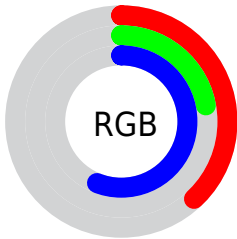
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	96, 57, 143
Decimal	6306191
CIE <sub>Lab</sub>	32.69, 35.58, -41.42
CIE <sub>LCh</sub>	33, 54.602, 310.659
Yxy	7.3962, 0.2473, 0.1627
Android (android.graphics.Color)	4284496271 (0xFF60398F)
YUV	78.4650, 31.8158, 15.3782
Hunter-Lab	27.1960, 26.2127, -39.4365

# Details

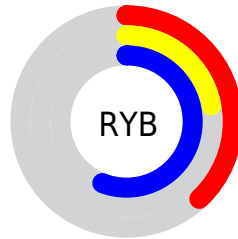
The Hex color **60398F** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **688F39**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **956AC5**, and **2C095C** is the 20% darker color. If you saturate the color by 10%, you get **582B8F**, and if you desaturate by 10%, it is **68478F**.

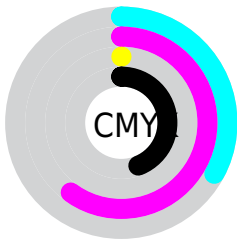
# Distribution



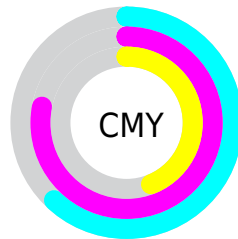
- Red (38%)
- Green (22%)
- Blue (56%)



- Red (38%)
- Yellow (22%)
- Blue (56%)



- Cyan (33%)
- Magenta (60%)
- Yellow (0%)
- Black (44%)



- Cyan (62%)
- Magenta (78%)
- Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 60398F 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 60398F by changing the saturation by 10% instead.



 60398F

 60398F

FFFFFF

 462275

 956AC5

 2C095C

 B184E2

 140044

 CD9EFF

 00002D

 EAB9FF

 000117

 FFD5FF

 000000

 FFF2FF

 60398F

 60398F

 582B8F

 68478F

■ 501C8F

■ 70568F

■ 490E8F

■ 77648F

■ 41008F

■ 7F728F

■ 87818F

■ 8F8F8F

■ 979D8F

■ 9FAB8F

■ A6BA8F

# Harmonies

## Analogous

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



004DA3



60398F



8A1E6A

# Triad

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



60398F



754000



005F5C

# Complementary

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



60398F



688F39

# 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.



005E2E



60398F



515000

# Square

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



60398F



8E2916



1C5900



005E84

# Rectangle

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



60398F



96114E



1C5900



005F4D



# Sweetspot

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



60398F



A899BA



39688F



534A5E



DEDEDE



5E5E5E



# Same Dimension

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



60398F



7134BA



8B398F



434047



3D0087



030008



# Inverse Universe

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



8F3968



BA347D



3D8F39



474044



87004A

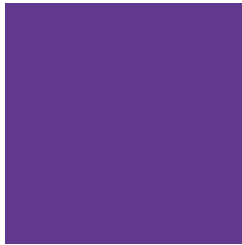


080004



# Previews

## White Background



This preview shows how the Hex color 60398F looks on a white background.

## Color Contrast Check

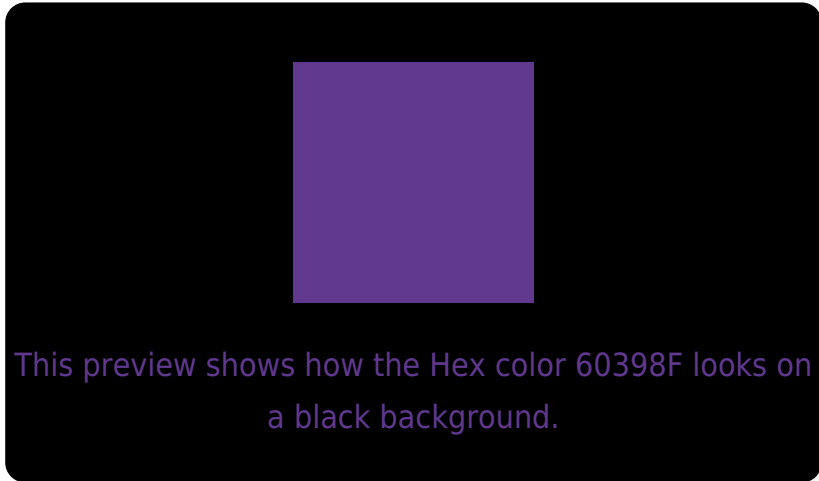
Large Text (above 18pt) WCAG AA ✓ Pass

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

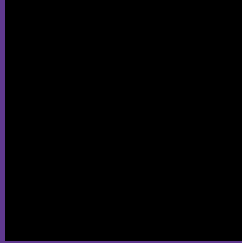
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 60398F Background



This preview shows how black text looks on a background with the Hex color 60398F.

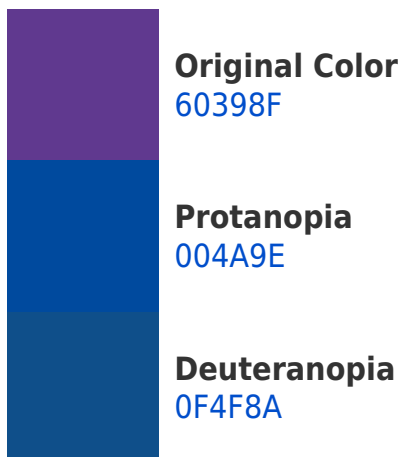


This preview shows how white text looks on a background with the Hex color 60398F.

# 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**  
544B50

# Trichromacy



**Original Color**  
60398F

**Protanomaly**  
234499

**Deuteranomaly**  
2C478C

**Tritanomaly**  
584467

# Monochromacy



**Original Color**  
60398F

**Achromatopsia**  
4E4E4E

**Achromatomaly**  
554666

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 60398F 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 #60398F looks like.

```
.text, #text, p{  
    color:#60398F  
}
```

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 #60398F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #60398F
}
```

## Border

The CSS property to change the border of an element to Hex 60398F is called "border". The border property can be set on classes, ids or directly on the HTML element.

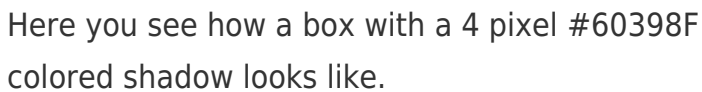
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#60398F }
```

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

```
.border{ border-color:#60398F }
```

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



Here you see how a box with a 4 pixel #60398F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #60398F; -webkit-box-shadow:4px 4px  
4px 4px #60398F; box-shadow:4px 4px 4px  
4px #60398F }
```

# Background

The CSS property to change the background color of an element to Hex 60398F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#60398F }
```

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

```
.background{ background-color:#60398F }
```

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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