

# Converting Colors

Hex(4F3884)

Have a look what the booklet for  
Hex(4F3884) contains.

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# Color

**Hex(4F3884)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4F3884
RGB	79, 56, 132
RGB Percent	31%, 22%, 52%
CMY	0.6902, 0.7804, 0.4824
CMYK	0.40, 0.58, 0.00, 0.48
HSL	258°, 40%, 37%
HSV	258°, 58%, 52%
XYZ	8.8035, 6.1566, 22.5541
YIQ	71.5410, -10.6880, 28.5120

# Conversions

## Conversions Part 2

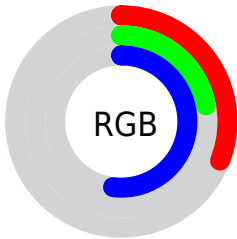
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	79, 56, 132
Decimal	5191812
CIE <sub>Lab</sub>	29.80, 28.79, -39.36
CIE <sub>LCh</sub>	30, 48.771, 306.185
Yxy	6.1566, 0.2347, 0.1641
Android (android.graphics.Color)	4283381892 (0xFF4F3884)
YUV	71.5410, 29.8063, 6.5415
Hunter-Lab	24.8124, 19.9104, -36.5251

# Details

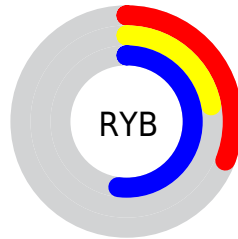
The Hex color **4F3884** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **6D8438**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **8368BA**, and **1B0C52** is the 20% darker color. If you saturate the color by 10%, you get **462B84**, and if you desaturate by 10%, it is **584584**.

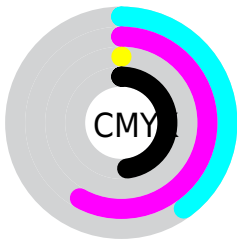
# Distribution



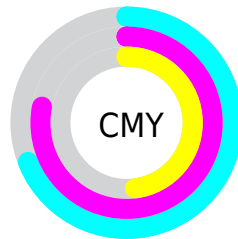
- Red (31%)
- Green (22%)
- Blue (52%)



- Red (31%)
- Yellow (22%)
- Blue (52%)



- Cyan (40%)
- Magenta (58%)
- Yellow (0%)
- Black (48%)



- Cyan (69%)
- Magenta (78%)
- Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4F3884 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 4F3884 by changing the saturation by 10% instead.





4F3884



4F3884

FFFFFF



35226A



8368BA



1B0C52



9F81D6



07003A



BA9BF2



000224



D7B6FF



00000B



F4D2FF



000000



FFEEFF



4F3884



4F3884



462B84



584584

■ 3D1E84

■ 615284

■ 331084

■ 6B6084

■ 2A0384

■ 746D84

■ 280084

■ 7D7A84

■ 868784

■ 8F9484

■ 99A284

■ A2AF84

# Harmonies

## Analogous

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



004992



4F3884



792366

# Triad

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



4F3884



6E3900



00574D

# Complementary

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



4F3884



6D8438

# 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.



005525



4F3884



504700

# Square

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



4F3884



82251B



265000



005672

# Rectangle

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



4F3884



85174D



265000



005640



# Sweetspot

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



4F3884



978EAB



386D84



4B4557



D6D6D6



575757



# Same Dimension

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



4F3884



5935AB



753884



3E3C42



270082



010003



# Inverse Universe

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



84386D



AB3587



478438



423C40



82005B

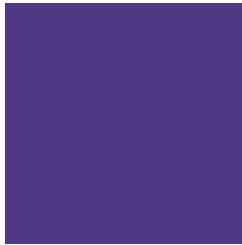


030002



# Previews

## White Background



This preview shows how the Hex color 4F3884 looks on a white background.

## Color Contrast Check

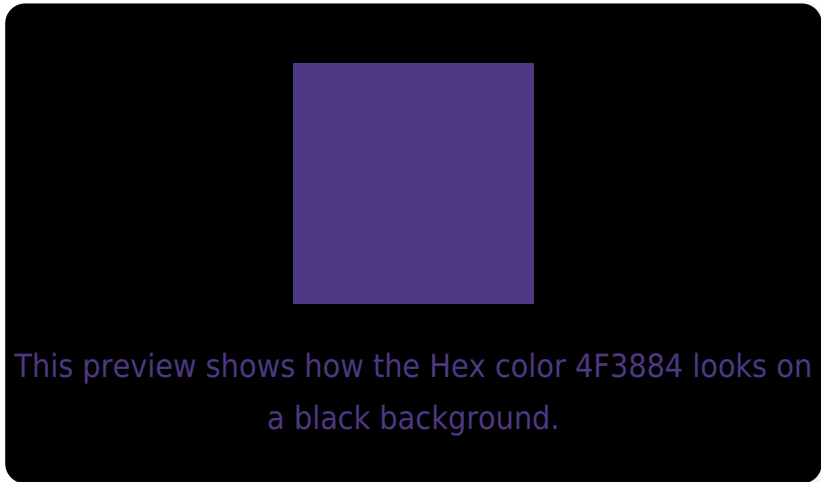
Large Text (above 18pt) WCAG AA ✓ Pass

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

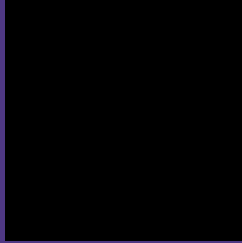
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 4F3884 Background



This preview shows how black text looks on a background with the Hex color 4F3884.

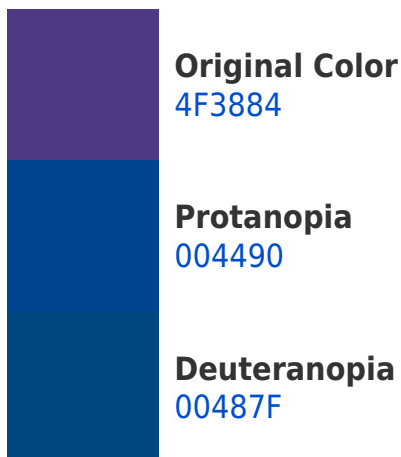


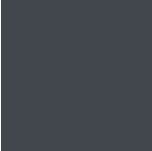
This preview shows how white text looks on a background with the Hex color 4F3884.

# 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](#).

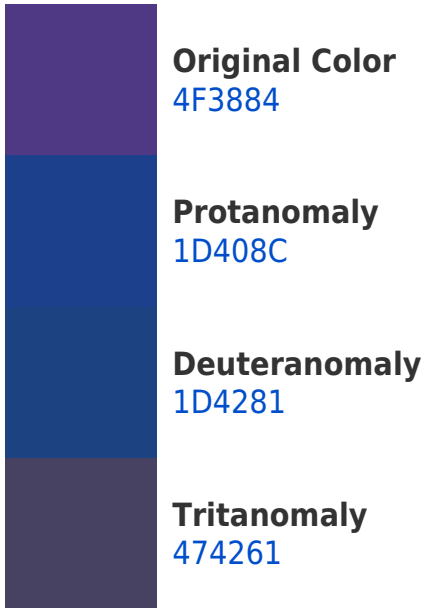
## Dichromacy



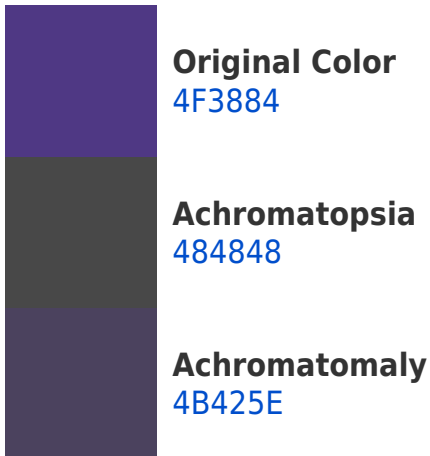


**Tritanopia**  
42474D

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4F3884 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 #4F3884 looks like.

```
.text, #text, p{  
    color:#4F3884  
}
```

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 #4F3884 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4F3884
}
```

## Border

The CSS property to change the border of an element to Hex 4F3884 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
#4F3884 }
```

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

```
.border{ border-color:#4F3884 }
```

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

Here you see how a box with a 4 pixel #4F3884 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4F3884; -webkit-box-shadow:4px 4px  
4px 4px #4F3884; box-shadow:4px 4px 4px  
4px #4F3884 }
```

# Background

The CSS property to change the background color of an element to Hex 4F3884 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4F3884 }
```

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

```
.background{ background-color:#4F3884 }
```

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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