

# Converting Colors

Hex(4F3788)

Have a look what the booklet for  
Hex(4F3788) contains.

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# Color

**Hex(4F3788)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4F3788
RGB	79, 55, 136
RGB Percent	31%, 22%, 53%
CMY	0.6902, 0.7843, 0.4667
CMYK	0.42, 0.60, 0.00, 0.47
HSL	258°, 42%, 37%
HSV	258°, 60%, 53%
XYZ	9.0346, 6.1722, 24.0077
YIQ	71.4100, -11.6970, 30.2790

# Conversions

## Conversions Part 2

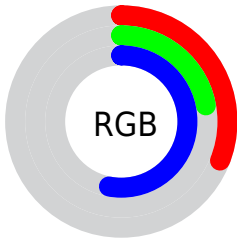
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	79, 55, 136
Decimal	5191560
CIE Lab	29.84, 30.59, -41.79
CIE LCh	30, 51.787, 306.206
Yxy	6.1722, 0.2304, 0.1574
Android (android.graphics.Color)	4283381640 (0xFF4F3788)
YUV	71.4100, 31.8429, 6.6564
Hunter-Lab	24.8439, 21.4351, -39.9036

# Details

The Hex color **4F3788** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **708837**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **8467BE**, and **190B55** is the 20% darker color. If you saturate the color by 10%, you get **452988**, and if you desaturate by 10%, it is **594588**.

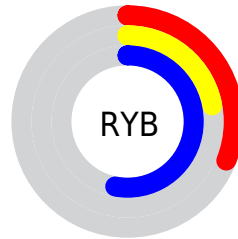
# Distribution



Red (31%)

Green (22%)

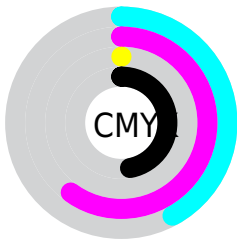
Blue (53%)



Red (31%)

Yellow (22%)

Blue (53%)

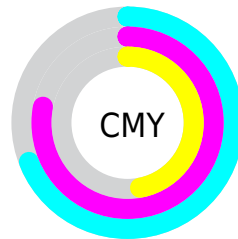


Cyan (42%)

Magenta (60%)

Yellow (0%)

Black (47%)



Cyan (69%)

Magenta (78%)

Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4F3788 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 4F3788 by changing the saturation by 10% instead.



 4F3788

 4F3788

FFFFFF

 35216E


 8467BE

 190B55

 9F80DA

 04003E

 BB9AF7

 000327

 D8B5FF

 000110

 F5D1FF

 000000

 FFEEFF

 4F3788

 4F3788

 452988

 594588

■ 3C1C88

■ 625288

■ 320E88

■ 6C6088

■ 290188

■ 756D88

■ 280088

■ 7F7B88

■ 888988

■ 929688

■ 9CA488

■ A5B188

# Harmonies

## Analogous

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



004997



4F3788



7B1E68

# Triad

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



4F3788



703800



00574E

# Complementary

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



4F3788



708837

# 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.



005523



4F3788



504700

# Square

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



4F3788



852119



235100



005775

# Rectangle

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



4F3788



890F4D



235100



005740



# Sweetspot

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



4F3788



9A90B0



377188



4B4659



D9D9D9



595959



# Same Dimension

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



4F3788



5833B0



763788



403E45



270085



020005



# Inverse Universe

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



883770



B0338B



498837



453E43



85005D

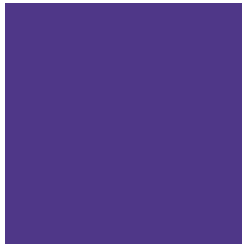


050004



# Previews

## White Background



This preview shows how the Hex color 4F3788 looks on a white background.

## Color Contrast Check

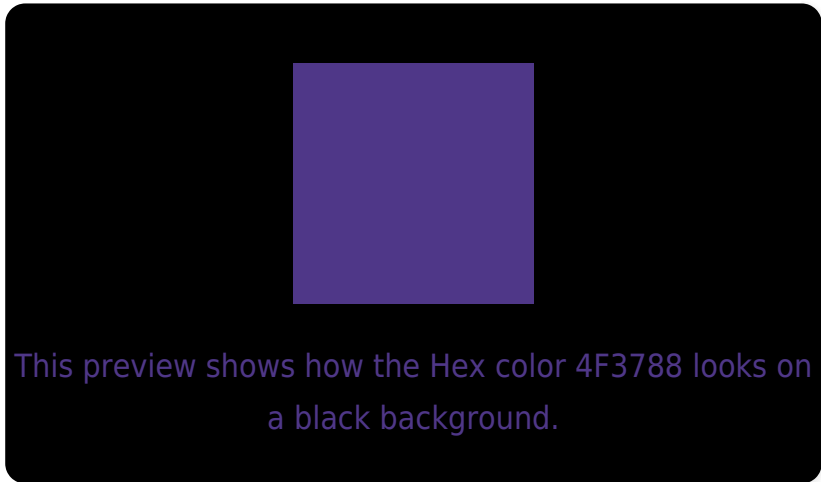
Large Text (above 18pt) WCAG AA ✓ Pass

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

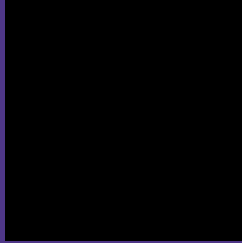
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 4F3788 Background



This preview shows how black text looks on a background with the Hex color 4F3788.

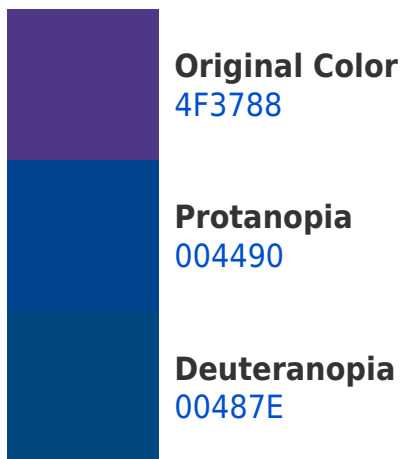


This preview shows how white text looks on a background with the Hex color 4F3788.

# 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**  
41474D

# Trichromacy



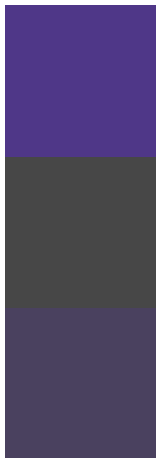
**Original Color**  
4F3788

**Protanomaly**  
1D3F8D

**Deuteranomaly**  
1D4282

**Tritanomaly**  
464162

# Monochromacy



**Original Color**  
4F3788

**Achromatopsia**  
474747

**Achromatomaly**  
4A415F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4F3788 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 #4F3788 looks like.

```
.text, #text, p{  
    color:#4F3788  
}
```

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 #4F3788 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4F3788  
}
```

## Border

The CSS property to change the border of an element to Hex 4F3788 is called "border". The border property can be set on classes, ids or directly on the HTML element.

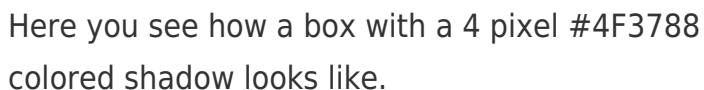
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#4F3788 }
```

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

```
.border{ border-color:#4F3788 }
```

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



Here you see how a box with a 4 pixel #4F3788 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4F3788; -webkit-box-shadow:4px 4px  
4px 4px #4F3788; box-shadow:4px 4px 4px  
4px #4F3788 }
```

# Background

The CSS property to change the background color of an element to Hex 4F3788 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4F3788 }
```

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

```
.background{ background-color:#4F3788 }
```

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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