

Converting Colors

Hex(3747BA)

Have a look what the booklet for
Hex(3747BA) contains.

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Color

Hex(3747BA)

Conversions

Conversions Part 1

Format	Color
Hex	3747BA
RGB	55, 71, 186
RGB Percent	22%, 28%, 73%
CMY	0.7843, 0.7216, 0.2706
CMYK	0.70, 0.62, 0.00, 0.27
HSL	233°, 54%, 47%
HSV	233°, 70%, 73%
XYZ	12.6917, 8.8639, 47.4963
YIQ	79.3260, -46.4510, 32.3730

Conversions

Conversions Part 2

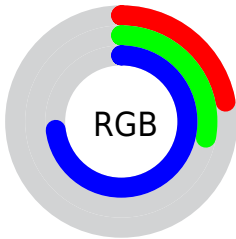
Format	Color
RYB	55, 69, 186
Decimal	3622842
CIELab	35.72, 32.63, -62.51
CIELCh	36, 70.510, 297.564
Yxy	8.8639, 0.1838, 0.1284
Android (android.graphics.Color)	4281812922 (0xFF3747BA)
YUV	79.3260, 52.5903, -21.3339
Hunter-Lab	29.7723, 23.9919, -73.7461

Details

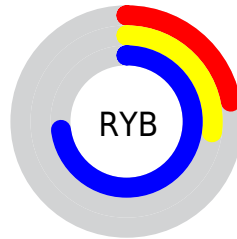
The Hex color **3747BA** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **BAAA37**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **7677F3**, and **001C84** is the 20% darker color. If you saturate the color by 10%, you get **2437BA**, and if you desaturate by 10%, it is **4A57BA**.

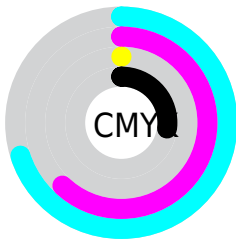
Distribution



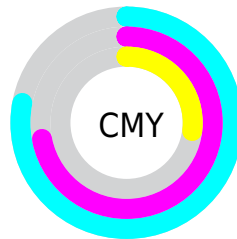
- Red (22%)
- Green (28%)
- Blue (73%)



- Red (22%)
- Yellow (27%)
- Blue (73%)



- Cyan (70%)
- Magenta (62%)
- Yellow (0%)
- Black (27%)



- Cyan (78%)
- Magenta (72%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3747BA 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 3747BA by changing the saturation by 10% instead.

 3747BA

 3747BA

FFFFFF

 00319E

 7677F3

 001C84

 9491FF

 00096A

 B2ACFF

 000051

 CFC7FF

 000539

 EDE3FF

 000222

 000008

 000000

 3747BA

 3747BA

■ 2437BA

■ 4A57BA

■ 1226BA

■ 5C68BA

■ 0017BA

■ 6F78BA

■ 8188BA

■ 9499BA

■ A7A9BA

■ B9B9BA

■ CCCABA

■ DEDABA

Harmonies

Analogous

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



005EC7



3747BA



901C92

Triad

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



3747BA



953500



006A4E

Complementary

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



3747BA



BAAA37

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.



00670B



3747BA



6B5100

Square

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



3747BA



AE0024



335F00



006B87

Rectangle

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



3747BA



A9006E



335F00



00693A

Sweetspot

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



3747BA



BFC6F2



37BAA9



5C607A



FAFAFA



7A7A7A

Same Dimension

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



3747BA



243DF2



6737BA



53545C



00139C



00031C

Inverse Universe

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



BA3747



F2243D



8ABA37



5C5354



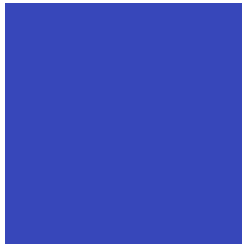
9C0013



1C0003

Previews

White Background



This preview shows how the Hex color 3747BA looks on a white background.

Color Contrast Check

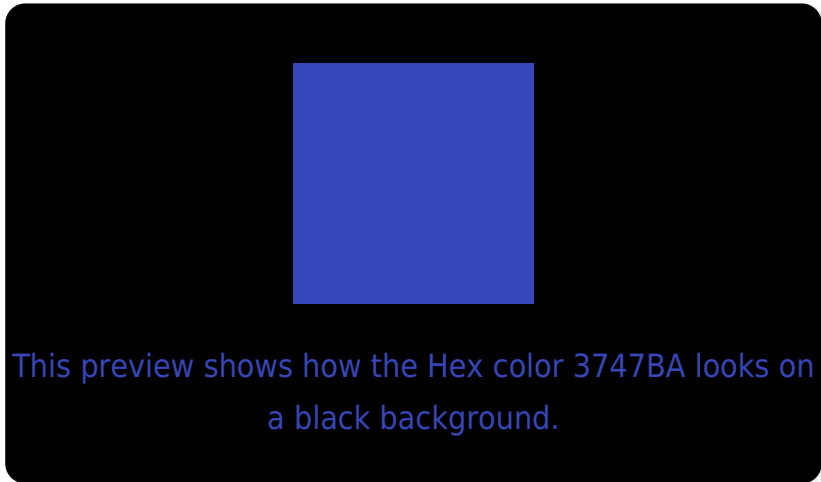
Large Text (above 18pt) WCAG AA ✓ Pass

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

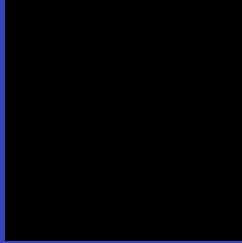
Any Text WCAG AA × Fail

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 3747BA Background



This preview shows how black text looks on a background with the Hex color 3747BA.

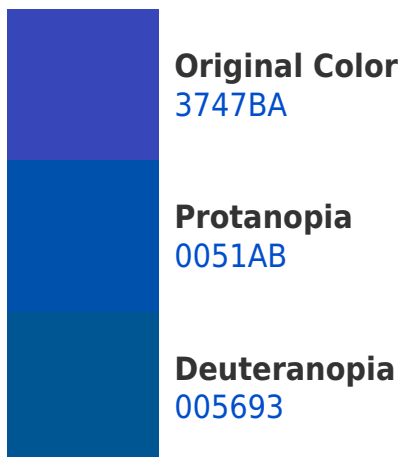


This preview shows how white text looks on a background with the Hex color 3747BA.

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](#).

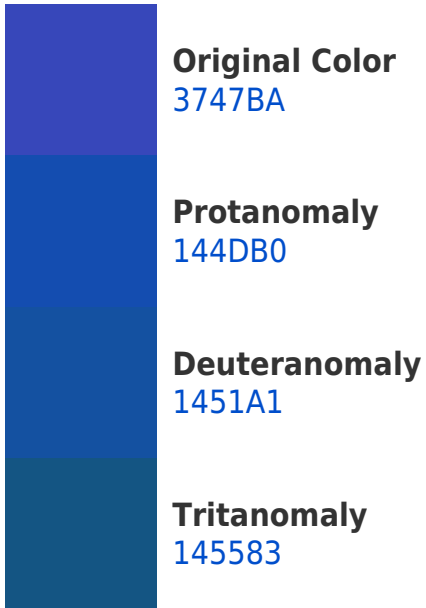
Dichromacy



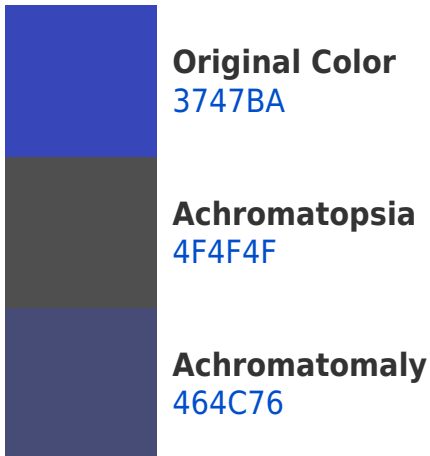


Tritanopia
005D63

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3747BA 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 #3747BA looks like.

```
.text, #text, p{  
    color:#3747BA  
}
```

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 #3747BA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3747BA
}
```

Border

The CSS property to change the border of an element to Hex 3747BA 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
#3747BA }
```

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

```
.border{ border-color:#3747BA }
```

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

Here you see how a box with a 4 pixel #3747BA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3747BA; -webkit-box-shadow:4px 4px  
4px 4px #3747BA; box-shadow:4px 4px 4px  
4px #3747BA }
```

Background

The CSS property to change the background color of an element to Hex 3747BA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3747BA }
```

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

```
.background{ background-color:#3747BA }
```

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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