

# Converting Colors

Hex(3874BE)

Have a look what the booklet for  
Hex(3874BE) contains.

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# Color

**Hex(3874BE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3874BE
RGB	56, 116, 190
RGB Percent	22%, 45%, 75%
CMY	0.7804, 0.5451, 0.2549
CMYK	0.71, 0.39, 0.00, 0.25
HSL	213°, 54%, 48%
HSV	213°, 71%, 75%
XYZ	17.1705, 17.0492, 51.1010
YIQ	106.4960, -59.5140, 10.2940

# Conversions

## Conversions Part 2

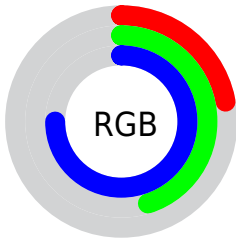
<b>Format</b>	<b>Color</b>
<b>RYB</b>	56, 97, 190
Decimal	3699902
CIELab	48.32, 5.40, -44.52
CIElCh	48, 44.851, 276.917
Yxy	17.0492, 0.2012, 0.1998
Android (android.graphics.Color)	4281889982 (0xFF3874BE)
YUV	106.4960, 41.1675, -44.2850
Hunter-Lab	41.2907, 1.9696, -44.4733

# Details

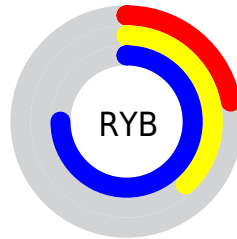
The Hex color **3874BE** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **BE8238**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **76A8F7**, and **004588** is the 20% darker color. If you saturate the color by 10%, you get **256ABE**, and if you desaturate by 10%, it is **4B7EBE**.

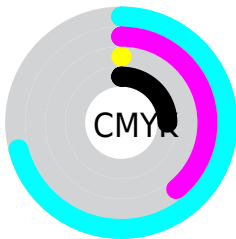
# Distribution



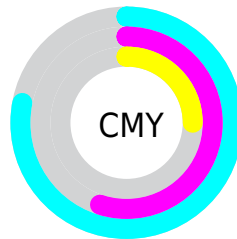
- Red (22%)
- Green (45%)
- Blue (75%)



- Red (22%)
- Yellow (38%)
- Blue (75%)



- Cyan (71%)
- Magenta (39%)
- Yellow (0%)
- Black (25%)



- Cyan (78%)
- Magenta (55%)
- Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3874BE 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 3874BE by changing the saturation by 10% instead.



■ 3874BE

■ 3874BE

FFFFFF

■ 065CA3

■ 76A8F7

■ 004588

■ 93C3FF

■ 002F6E

■ B1DEFF

■ 001B55

■ CEFBFF

■ 00063E

■ ECFFFF

■ 000327

■ 000110

■ 000000

■ 3874BE

■ 3874BE

■ 256ABE

■ 4B7EBE

■ 125FBE

■ 5E89BE

■ 0055BE

■ 7193BE

■ 849EBE

■ 97A8BE

■ AAB3BE

■ BDBDBE

■ D0C8BE

■ E3D2BE

# Harmonies

## Analogous

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



007FB8



3874BE



8065B0

# Triad

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



3874BE



B45847



138354

# Complementary

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



3874BE



BE8238

# 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.



577D33



3874BE



9F662B

# Square

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



3874BE



B8506B



7F7422



00857B

# Rectangle

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



3874BE



9D5B9D



7F7422



338247



# Sweetspot

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



3874BE



C3DBF7



38BE82



5E6C7D



FCFCFC



7D7D7D



# Same Dimension

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



3874BE



2583F7



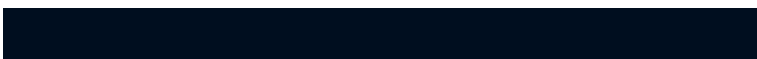
3F38BE



55595E



00479E



000E1F



# Inverse Universe

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



BE3874



F72583



B7BE38



5E5559



9E0047

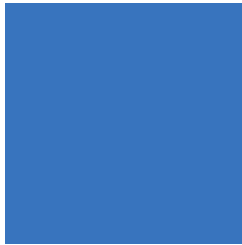


1F000E



# Previews

## White Background



This preview shows how the Hex color 3874BE looks on a white background.

## Color Contrast Check

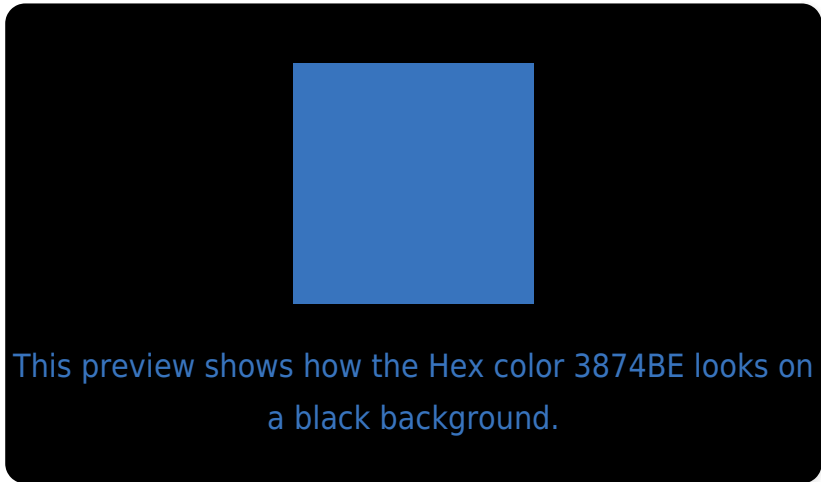
Large Text (above 18pt) WCAG AA ✓ Pass

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

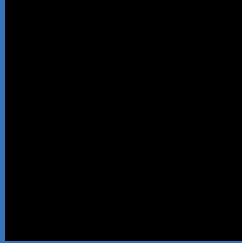
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

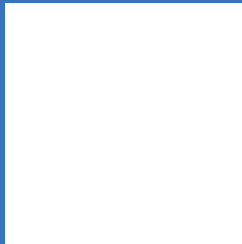
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 3874BE Background



This preview shows how black text looks on a background with the Hex color 3874BE.

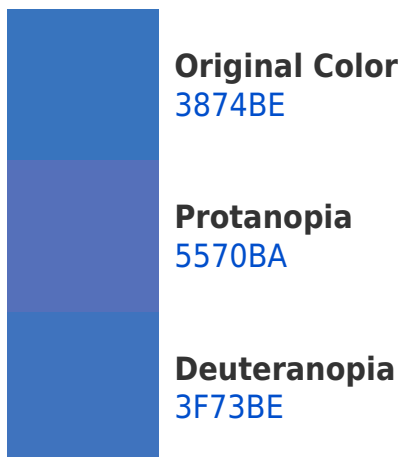


This preview shows how white text looks on a background with the Hex color 3874BE.

# 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](#).

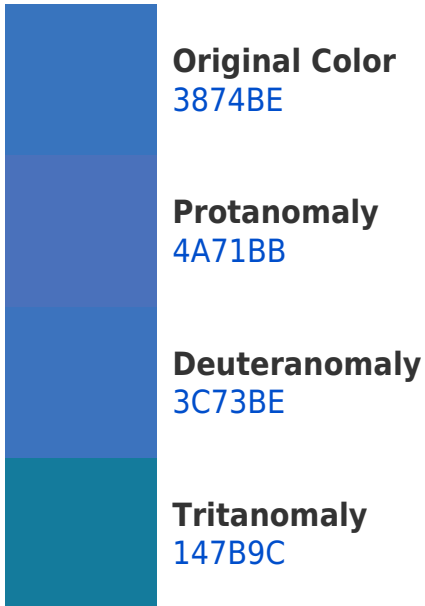
## Dichromacy





**Tritanopia**  
007F89

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3874BE 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 #3874BE looks like.

```
.text, #text, p{  
  color:#3874BE  
}
```

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 #3874BE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3874BE
}
```

## Border

The CSS property to change the border of an element to Hex 3874BE is called "border". The border property can be set on classes, ids or directly on the HTML element.

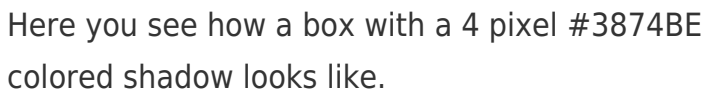
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3874BE }
```

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

```
.border{ border-color:#3874BE }
```

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



Here you see how a box with a 4 pixel #3874BE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3874BE; -webkit-box-shadow:4px 4px  
4px 4px #3874BE; box-shadow:4px 4px 4px  
4px #3874BE }
```

# Background

The CSS property to change the background color of an element to Hex 3874BE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3874BE }
```

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

```
.background{ background-color:#3874BE }
```

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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