

Converting Colors

Hex(3B478B)

Have a look what the booklet for
Hex(3B478B) contains.

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Color

Hex(3B478B)

Conversions

Conversions Part 1

Format	Color
Hex	3B478B
RGB	59, 71, 139
RGB Percent	23%, 28%, 55%
CMY	0.7686, 0.7216, 0.4549
CMYK	0.58, 0.49, 0.00, 0.45
HSL	231°, 40%, 39%
HSV	231°, 58%, 55%
XYZ	8.7171, 7.3004, 25.3758
YIQ	75.1640, -28.9800, 18.6040

Conversions

Conversions Part 2

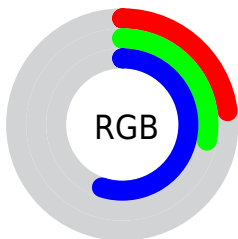
Format	Color
R_{YB}	59, 69, 139
Decimal	3884939
CIE _{Lab}	32.48, 16.51, -39.49
CIE _{LCh}	32, 42.804, 292.692
Yxy	7.3004, 0.2106, 0.1764
Android (android.graphics.Color)	4282075019 (0xFF3B478B)
YUV	75.1640, 31.4711, -14.1758
Hunter-Lab	27.0192, 10.3050, -36.7703

Details

The Hex color **3B478B** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **8B7F3B**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **7177C1**, and **001C58** is the 20% darker color. If you saturate the color by 10%, you get **2D3B8B**, and if you desaturate by 10%, it is **49538B**.

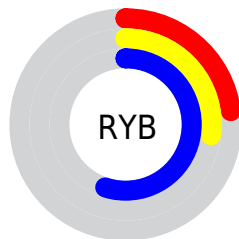
Distribution



Red (23%)

Green (28%)

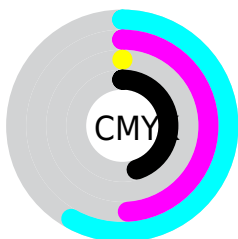
Blue (55%)



Red (23%)

Yellow (27%)

Blue (55%)

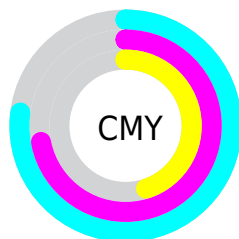


Cyan (58%)

Magenta (49%)

Yellow (0%)

Black (45%)



Cyan (77%)

Magenta (72%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3B478B 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 3B478B by changing the saturation by 10% instead.



3B478B



3B478B

FFFFFF



1E3171



7177C1



001C58



8C91DD



000341



A8ABFA



00032A



C4C6FF



000114



E1E2FF



000000

FEFFFF



3B478B



3B478B



2D3B8B



49538B

■ 1F2F8B

■ 575F8B

■ 11248B

■ 656A8B

■ 03188B

■ 73768B

■ 00158B

■ 81828B

■ 8E8E8B

■ 9C9A8B

■ AAA68B

■ B8B18B

Harmonies

Analogous

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



00538F



3B478B



6D3776

Triad

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



3B478B



7B3A16



005B43

Complementary

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



3B478B



8B7F3B

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.



135821



3B478B



634800

Square

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



3B478B



882C35



445202



005C65

Rectangle

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



3B478B



7F2E61



445202



005B37

Sweetspot

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



3B478B



969BB5



3B8B7F



494C5C



DBDBDB



5C5C5C

Same Dimension

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



3B478B



384BB5



573B8B



3E3F45



001485



000105

Inverse Universe

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



8B3B47



B5384B



6F8B3B



453E3F



850014



050001

Previews

White Background



This preview shows how the Hex color 3B478B looks on a white background.

Color Contrast Check

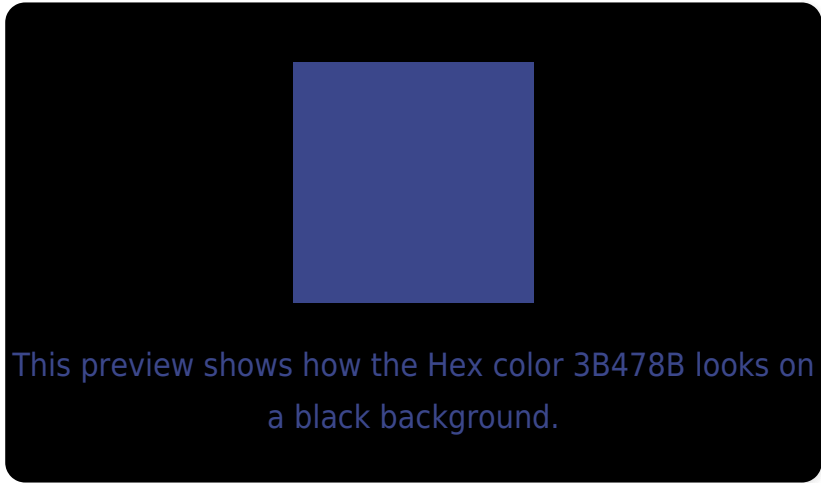
Large Text (above 18pt) WCAG AA ✓ Pass

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

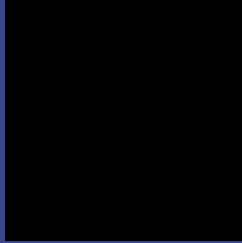
Any Text WCAG AA × Fail

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 3B478B Background



This preview shows how black text looks on a background with the Hex color 3B478B.

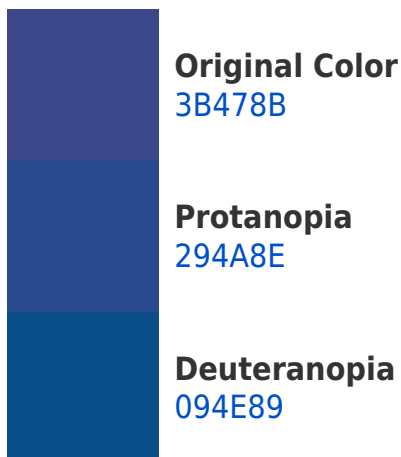


This preview shows how white text looks on a background with the Hex color 3B478B.

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
275359

Trichromacy



Original Color
3B478B

Protanomaly
30498D

Deuteranomaly
1B4B8A

Tritanomaly
2E4F6B

Monochromacy



Original Color
3B478B

Achromatopsia
4B4B4B

Achromatomaly
454A62

CSS Examples

Text

The CSS property to change the color of the text to Hex 3B478B 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 #3B478B looks like.

```
.text, #text, p{  
    color:#3B478B  
}
```

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 #3B478B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3B478B
}
```

Border

The CSS property to change the border of an element to Hex 3B478B is called "border". The border property can be set on classes, ids or directly on the HTML element.

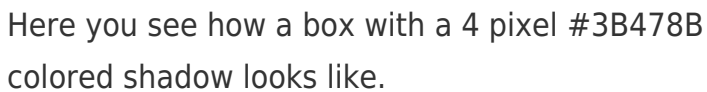
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3B478B }
```

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

```
.border{ border-color:#3B478B }
```

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



Here you see how a box with a 4 pixel #3B478B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3B478B; -webkit-box-shadow:4px 4px  
4px 4px #3B478B; box-shadow:4px 4px 4px  
4px #3B478B }
```

Background

The CSS property to change the background color of an element to Hex 3B478B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3B478B }
```

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

```
.background{ background-color:#3B478B }
```

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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