

Converting Colors

Hex(3B448E)

Have a look what the booklet for
Hex(3B448E) contains.

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Color

Hex(3B448E)

Conversions

Conversions Part 1

Format	Color
Hex	3B448E
RGB	59, 68, 142
RGB Percent	23%, 27%, 56%
CMY	0.7686, 0.7333, 0.4431
CMYK	0.58, 0.52, 0.00, 0.44
HSL	233°, 41%, 39%
HSV	233°, 58%, 56%
XYZ	8.7532, 7.0170, 26.4843
YIQ	73.7450, -29.1180, 21.1060

Conversions

Conversions Part 2

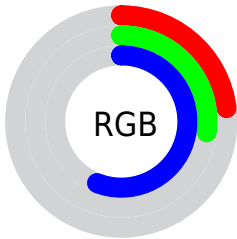
Format	Color
RYB	59, 67, 142
Decimal	3884174
CIELab	31.85, 19.56, -42.35
CIELCh	32, 46.653, 294.793
Yxy	7.0170, 0.2072, 0.1661
Android (android.graphics.Color)	4282074254 (0xFF3B448E)
YUV	73.7450, 33.6497, -12.9314
Hunter-Lab	26.4897, 12.6264, -40.7350

Details

The Hex color **3B448E** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **8E853B**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **7174C4**, and **001A5B** is the 20% darker color. If you saturate the color by 10%, you get **2D378E**, and if you desaturate by 10%, it is **49518E**.

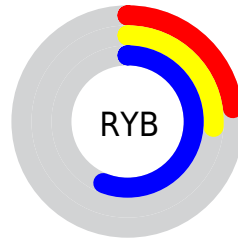
Distribution



Red (23%)

Green (27%)

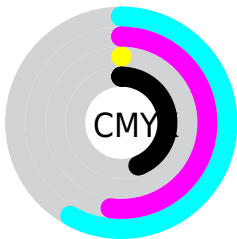
Blue (56%)



Red (23%)

Yellow (26%)

Blue (56%)

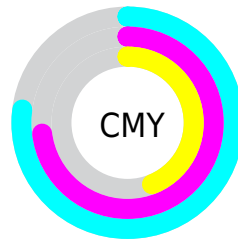


Cyan (58%)

Magenta (52%)

Yellow (0%)

Black (44%)



Cyan (77%)

Magenta (73%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3B448E 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 3B448E by changing the saturation by 10% instead.

■ 3B448E

■ 3B448E

FFFFFF

■ 1D2E74

■ 7174C4

■ 001A5B

■ 8D8DE1

■ 000043

■ A9A8FD

■ 00032C

■ C5C3FF

■ 000116

■ E2DFFF

■ 000000

■ FFFBFF

■ 3B448E

■ 3B448E

■ 2D378E

■ 49518E

■ 1F2B8E

■ 575D8E

■ 101E8E

■ 666A8E

■ 02118E

■ 74778E

■ 000F8E

■ 82838E

■ 90908E

■ 9E9D8E

■ ADA98E

■ BBB68E

Harmonies

Analogous

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



005194



3B448E



703276

Triad

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



3B448E



7B370C



005B43

Complementary

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



3B448E



8E853B

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.



00581D



3B448E



614700

Square

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



3B448E



8A272F



3E5200



005B69

Rectangle

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



3B448E



83265F



3E5200



005A36

Sweetspot

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



3B448E



979AB8



3B8E84



484A5C



DBDBDB



5C5C5C

Same Dimension

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



3B448E



3745B8



5B3B8E



404147



000F87



000108

Inverse Universe

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



8E3B44



B83745



6E8E3B



474041



87000F



080001

Previews

White Background



This preview shows how the Hex color 3B448E looks on a white background.

Color Contrast Check

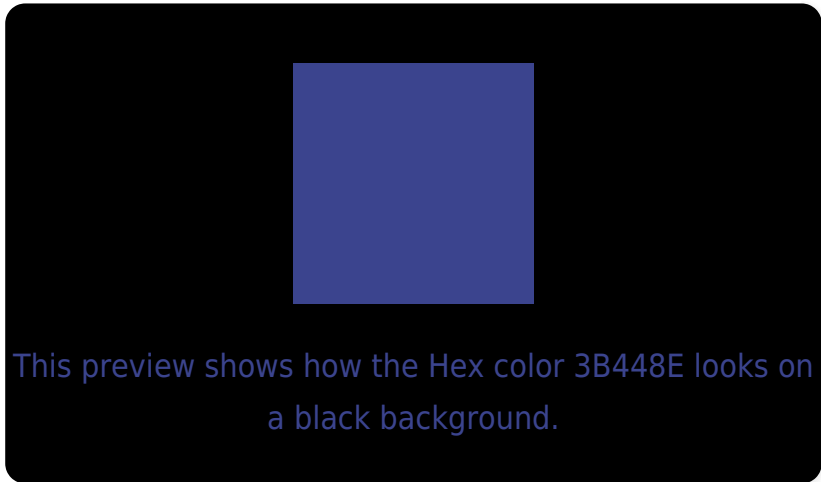
Large Text (above 18pt) WCAG AA ✓ Pass

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

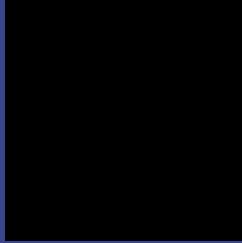
Any Text WCAG AA × Fail

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 3B448E Background



This preview shows how black text looks on a background with the Hex color 3B448E.



This preview shows how white text looks on a background with the Hex color 3B448E.

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
245158

Trichromacy



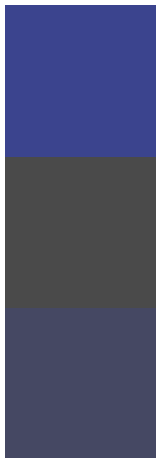
Original Color
3B448E

Protanomaly
284791

Deuteranomaly
154989

Tritanomaly
2C4C6C

Monochromacy



Original Color
3B448E

Achromatopsia
4A4A4A

Achromatomaly
454863

CSS Examples

Text

The CSS property to change the color of the text to Hex 3B448E 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 #3B448E looks like.

```
.text, #text, p{  
    color:#3B448E  
}
```

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 #3B448E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3B448E
}
```

Border

The CSS property to change the border of an element to Hex 3B448E is called "border". The border property can be set on classes, ids or directly on the HTML element.

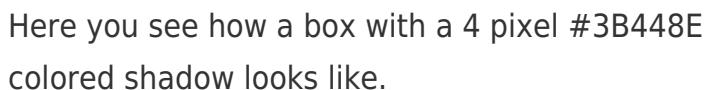
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3B448E }
```

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

```
.border{ border-color:#3B448E }
```

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



Here you see how a box with a 4 pixel #3B448E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3B448E; -webkit-box-shadow:4px 4px  
4px 4px #3B448E; box-shadow:4px 4px 4px  
4px #3B448E }
```

Background

The CSS property to change the background color of an element to Hex 3B448E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3B448E }
```

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

```
.background{ background-color:#3B448E }
```

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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