

Converting Colors

Hex(3B4889)

Have a look what the booklet for
Hex(3B4889) contains.

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Color

Hex(3B4889)

Conversions

Conversions Part 1

Format	Color
Hex	3B4889
RGB	59, 72, 137
RGB Percent	23%, 28%, 54%
CMY	0.7686, 0.7176, 0.4627
CMYK	0.57, 0.47, 0.00, 0.46
HSL	230°, 40%, 38%
HSV	230°, 57%, 54%
XYZ	8.6364, 7.3707, 24.6344
YIQ	75.5230, -28.6130, 17.4590

Conversions

Conversions Part 2

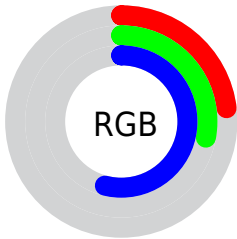
Format	Color
R_{YB}	59, 70, 137
Decimal	3885193
CIE _{Lab}	32.64, 15.15, -38.01
CIE _{LCh}	33, 40.919, 291.724
Yxy	7.3707, 0.2125, 0.1814
Android (android.graphics.Color)	4282075273 (0xFF3B4889)
YUV	75.5230, 30.3082, -14.4907
Hunter-Lab	27.1490, 9.2718, -34.7942

Details

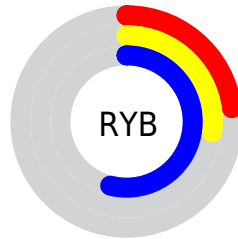
The Hex color **3B4889** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **897C3B**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **7078BF**, and **001D56** is the 20% darker color. If you saturate the color by 10%, you get **2D3D89**, and if you desaturate by 10%, it is **495389**.

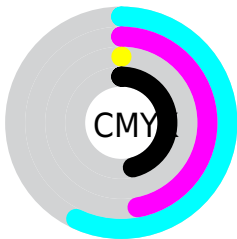
Distribution



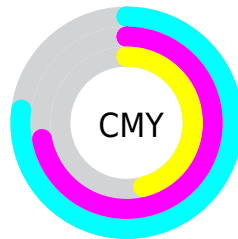
- Red (23%)
- Green (28%)
- Blue (54%)



- Red (23%)
- Yellow (27%)
- Blue (54%)



- Cyan (57%)
- Magenta (47%)
- Yellow (0%)
- Black (46%)



- Cyan (77%)
- Magenta (72%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3B4889 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 3B4889 by changing the saturation by 10% instead.



3B4889



3B4889

FFFFFF



1E326F



7078BF



001D56



8B92DB



00043F



A7ACF8



000328



C3C8FF



000112



E0E4FF



000000

FDFFFF



3B4889



3B4889



2D3D89



495389

■ 203189

■ 565F89

■ 122689

■ 646A89

■ 041A89

■ 727689

■ 001789

■ 808189

■ 8D8D89

■ 9B9889

■ A9A389

■ B6AF89

Harmonies

Analogous

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



00538D



3B4889



6B3975

Triad

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



3B4889



7B3B1A



005B42

Complementary

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



3B4889



897C3B

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.



1B5822



3B4889



644803

Square

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



3B4889



862F37



465206



005C64

Rectangle

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



3B4889



7D3162



465206



005B37

Sweetspot

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



3B4889



9499B3



3B897C



474A59



D9D9D9



595959

Same Dimension

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



3B4889



394DB3



553B89



3E3F45



001685



000105

Inverse Universe

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



893B48



B3394D



6F893B



453E3F



850016



050001

Previews

White Background



This preview shows how the Hex color 3B4889 looks on a white background.

Color Contrast Check

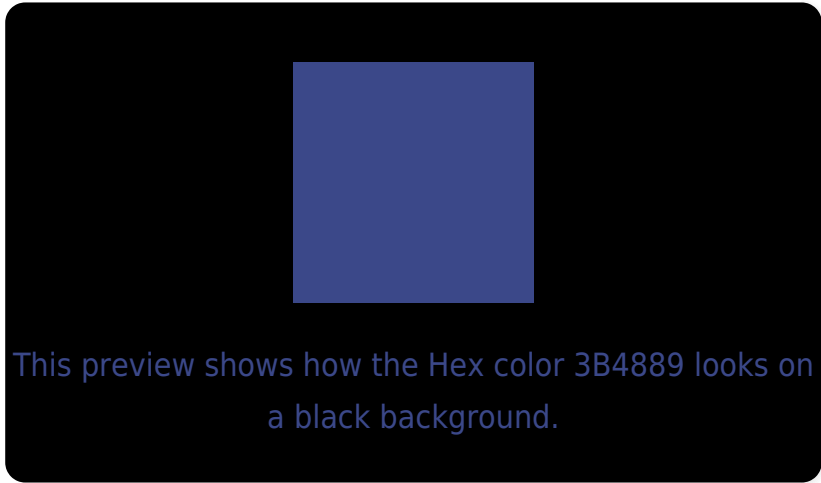
Large Text (above 18pt) WCAG AA ✓ Pass

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

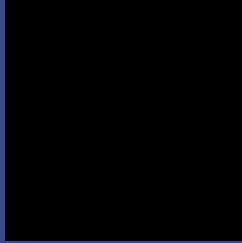
Any Text WCAG AA × Fail

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 3B4889 Background



This preview shows how black text looks on a background with the Hex color 3B4889.



This preview shows how white text looks on a background with the Hex color 3B4889.

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](#).

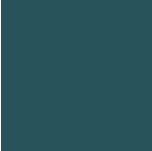
Dichromacy



Original Color
3B4889

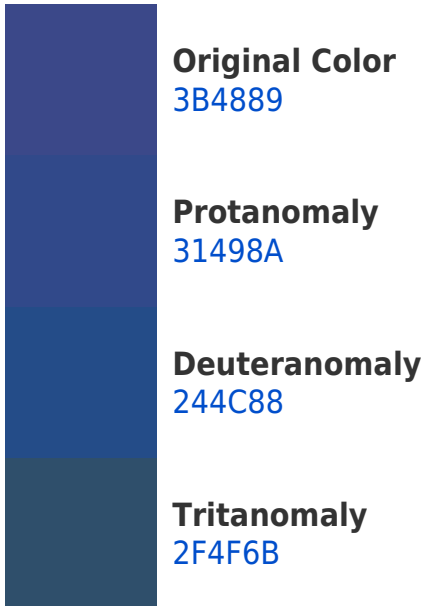
Protanopia
2C4A8B

Deuteranopia
174E88



Tritanopia
28535A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3B4889 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 #3B4889 looks like.

```
.text, #text, p{  
    color:#3B4889  
}
```

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 #3B4889 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3B4889
}
```

Border

The CSS property to change the border of an element to Hex 3B4889 is called "border". The border property can be set on classes, ids or directly on the HTML element.

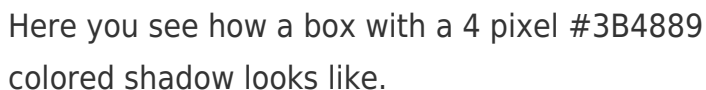
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3B4889 }
```

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

```
.border{ border-color:#3B4889 }
```

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



Here you see how a box with a 4 pixel #3B4889 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3B4889; -webkit-box-shadow:4px 4px  
4px 4px #3B4889; box-shadow:4px 4px 4px  
4px #3B4889 }
```

Background

The CSS property to change the background color of an element to Hex 3B4889 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3B4889 }
```

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

```
.background{ background-color:#3B4889 }
```

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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