

Converting Colors

Hex(3B3888)

Have a look what the booklet for
Hex(3B3888) contains.

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Color

Hex(3B3888)

Conversions

Conversions Part 1

Format	Color
Hex	3B3888
RGB	59, 56, 136
RGB Percent	23%, 22%, 53%
CMY	0.7686, 0.7804, 0.4667
CMYK	0.57, 0.59, 0.00, 0.47
HSL	242°, 42%, 38%
HSV	242°, 59%, 53%
XYZ	7.6617, 5.5357, 23.9572
YIQ	66.0170, -23.8920, 25.5160

Conversions

Conversions Part 2

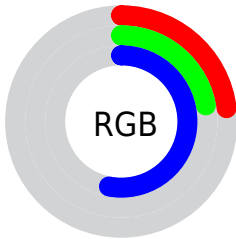
Format	Color
R_{YB}	59, 56, 136
Decimal	3881096
CIE _{Lab}	28.21, 25.43, -44.52
CIE _{LCh}	28, 51.270, 299.738
Yxy	5.5357, 0.2062, 0.1490
Android (android.graphics.Color)	4282071176 (0xFF3B3888)
YUV	66.0170, 34.5016, -6.1539
Hunter-Lab	23.5281, 16.9528, -43.9017

Details

The Hex color **3B3888** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **858838**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **7167BE**, and **000E55** is the 20% darker color. If you saturate the color by 10%, you get **2E2A88**, and if you desaturate by 10%, it is **484688**.

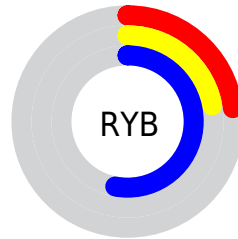
Distribution



Red (23%)

Green (22%)

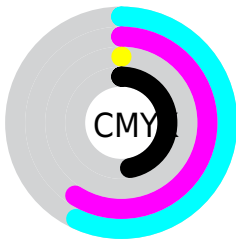
Blue (53%)



Red (23%)

Yellow (22%)

Blue (53%)

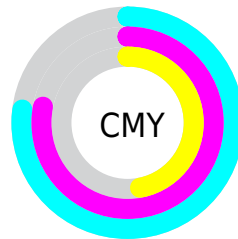


Cyan (57%)

Magenta (59%)

Yellow (0%)

Black (47%)



Cyan (77%)

Magenta (78%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3B3888 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 3B3888 by changing the saturation by 10% instead.

■ 3B3888

■ 3B3888

FFFFFF

■ 1E226E

■ 7167BE

■ 000E55

■ 8C80DA

■ 00003E

■ A89AF7

■ 000327

■ C4B5FF

■ 000110

■ E1D1FF

■ 000000

■ FFEDFF

■ 3B3888

■ 3B3888

■ 2E2A88

■ 484688

■ 211D88

■ 555388

■ 140F88

■ 626188

■ 070288

■ 6F6E88

■ 050088

■ 7C7C88

■ 8A8A88

■ 979788

■ A4A588

■ B1B288

Harmonies

Analogous

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



004893



3B3888



70206B

Triad

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



3B3888



703000



005341

Complementary

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



3B3888



858838

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.



005117



3B3888



534100

Square

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



3B3888



83181E



2B4B00



005369

Rectangle

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



3B3888



800E52



2B4B00



005233

Sweetspot

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



3B3888



9190B0



388588



464659



D9D9D9



595959

Same Dimension

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



3B3888



3833B0



633888



3E3E45



050085



000005

Inverse Universe

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



883885



B033AB



5D8838



453E45



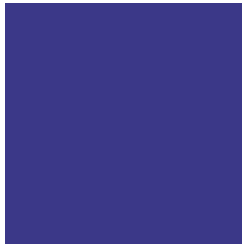
850080



050005

Previews

White Background



This preview shows how the Hex color 3B3888 looks on a white background.

Color Contrast Check

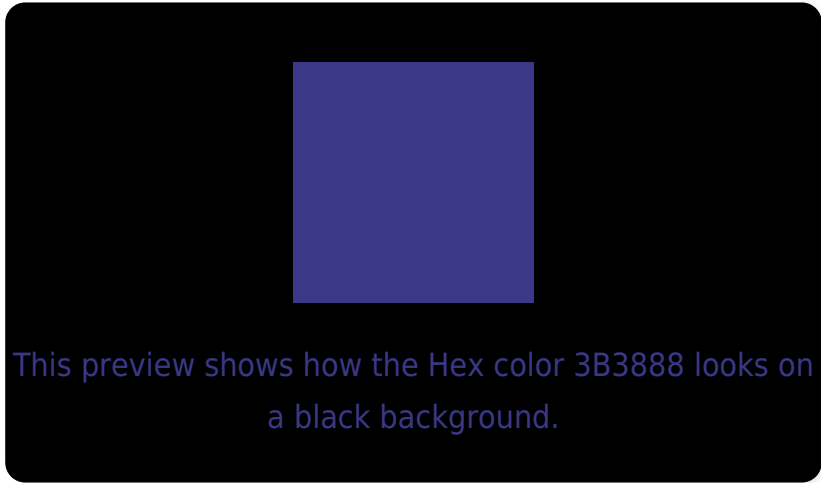
Large Text (above 18pt) WCAG AA ✓ Pass

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

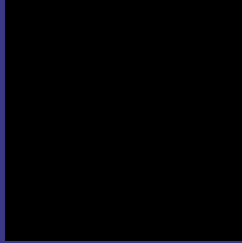
Any Text WCAG AA × Fail

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 3B3888 Background



This preview shows how black text looks on a background with the Hex color 3B3888.

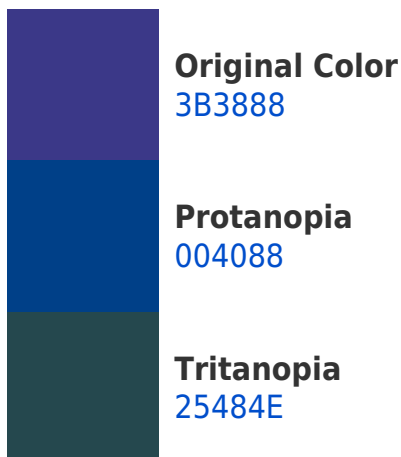


This preview shows how white text looks on a background with the Hex color 3B3888.

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



Trichromacy



Original Color
3B3888

Protanomaly
153D88

Tritanomaly
2D4263

Monochromacy



Original Color
3B3888

Achromatopsia
424242

Achromatomaly
3F3E5B

CSS Examples

Text

The CSS property to change the color of the text to Hex 3B3888 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 #3B3888 looks like.

```
.text, #text, p{  
    color:#3B3888  
}
```

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 #3B3888 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3B3888
}
```

Border

The CSS property to change the border of an element to Hex 3B3888 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".

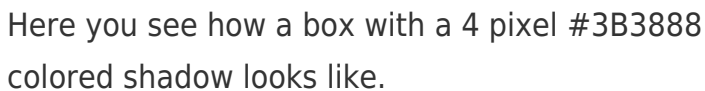
```
.border, #border, table{ border:4px solid
#3B3888 }
```

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

```
.border{ border-color:#3B3888 }
```

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

Here you see how a box with a 4 pixel #3B3888 colored shadow looks like.

A rectangular box with a dark blue border and a dark blue shadow. The box is white with a thin blue border. The shadow is a thick, dark blue horizontal bar at the bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3B3888; -webkit-box-shadow:4px 4px  
4px 4px #3B3888; box-shadow:4px 4px 4px  
4px #3B3888 }
```

Background

The CSS property to change the background color of an element to Hex 3B3888 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3B3888 }
```

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

```
.background{ background-color:#3B3888 }
```

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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