

Converting Colors

Hex(3939B3)

Have a look what the booklet for
Hex(3939B3) contains.

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Color

Hex(3939B3)

Conversions

Conversions Part 1

Format	Color
Hex	3939B3
RGB	57, 57, 179
RGB Percent	22%, 22%, 70%
CMY	0.7765, 0.7765, 0.2980
CMYK	0.68, 0.68, 0.00, 0.30
HSL	240°, 52%, 46%
HSV	240°, 68%, 70%
XYZ	11.2872, 7.0508, 43.4139
YIQ	70.9080, -39.1620, 37.9420

Conversions

Conversions Part 2

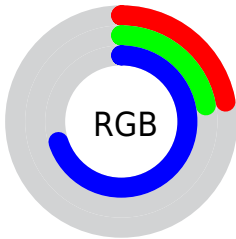
Format	Color
R _Y B	57, 57, 179
Decimal	3750323
CIE Lab	31.92, 39.20, -64.58
CIE LCh	32, 75.547, 301.260
Yxy	7.0508, 0.1828, 0.1142
Android (android.graphics.Color)	4281940403 (0xFF3939B3)
YUV	70.9080, 53.2894, -12.1973
Hunter-Lab	26.5533, 29.4076, -78.3500

Details

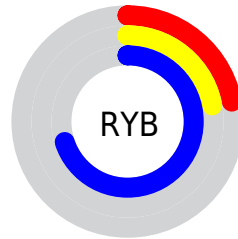
The Hex color **3939B3** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **B3B339**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **7769EC**, and **000E7D** is the 20% darker color. If you saturate the color by 10%, you get **2727B3**, and if you desaturate by 10%, it is **4B4BB3**.

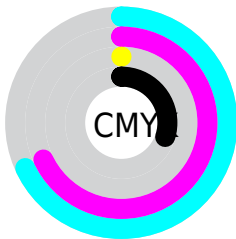
Distribution



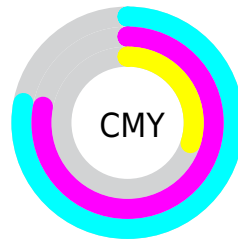
- Red (22%)
- Green (22%)
- Blue (70%)



- Red (22%)
- Yellow (22%)
- Blue (70%)



- Cyan (68%)
- Magenta (68%)
- Yellow (0%)
- Black (30%)



- Cyan (78%)
- Magenta (78%)
- Yellow (30%)
- Black (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3939B3 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 3939B3 by changing the saturation by 10% instead.

 3939B3

 3939B3

FFFFFF

 082398

 7769EC

 000E7D

 9582FF

 000063

 B29DFF

 00054A

 D0B8FF

 000433

 EED3FF

 00021D

 FFF0FF

 000000

 3939B3

 3939B3

 2727B3

 4B4BB3

■ 1515B3

■ 5D5DB3

■ 0303B3

■ 6F6FB3

■ 0000B3

■ 8181B3

■ 9393B3

■ A4A4B3

■ B6B6B3

■ C8C8B3

■ DADAB3

Harmonies

Analogous

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



0054C5



3939B3



900085

Triad

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



3939B3



882D00



00614C

Complementary

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



3939B3



B3B339

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.



005E04



3939B3



5B4A00

Square

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



3939B3



A50012



145800



006288

Rectangle

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



3939B3



A6005F



145800



006037

Sweetspot

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



3939B3



BABAE8



39B3B3



595975



F5F5F5



757575

Same Dimension

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



3939B3



2A2AE8



7639B3



505059



000099



00001A

Inverse Universe

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



B339B3



E82AE8



76B339



595059



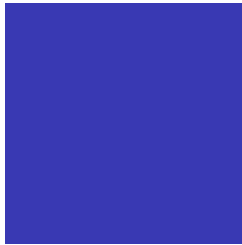
990099



1A001A

Previews

White Background



This preview shows how the Hex color 3939B3 looks on a white background.

Color Contrast Check

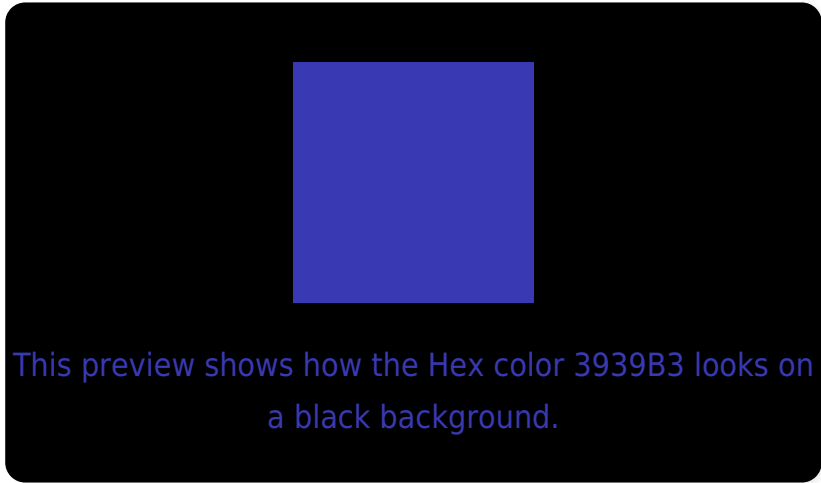
Large Text (above 18pt) WCAG AA ✓ Pass

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

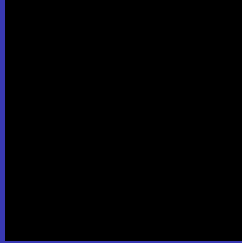
Any Text WCAG AA × Fail

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 3939B3 Background



This preview shows how black text looks on a background with the Hex color 3939B3.



This preview shows how white text looks on a background with the Hex color 3939B3.

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
3939B3

Protanopia
004899

Deuteranopia
004D83

Trichromacy



Original Color
3939B3

Protanomaly
1543A2

Deuteranomaly
154694

Tritanomaly
154A7A

Monochromacy



Original Color
3939B3

Achromatopsia
474747

Achromatomaly
42426E

CSS Examples

Text

The CSS property to change the color of the text to Hex 3939B3 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 #3939B3 looks like.

```
.text, #text, p{  
    color:#3939B3  
}
```

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 #3939B3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3939B3
}
```

Border

The CSS property to change the border of an element to Hex 3939B3 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
#3939B3 }
```

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

```
.border{ border-color:#3939B3 }
```

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

Here you see how a box with a 4 pixel #3939B3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3939B3; -webkit-box-shadow:4px 4px  
4px 4px #3939B3; box-shadow:4px 4px 4px  
4px #3939B3 }
```

Background

The CSS property to change the background color of an element to Hex 3939B3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3939B3 }
```

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

```
.background{ background-color:#3939B3 }
```

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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