

Converting Colors

Hex(3B3BC7)

Have a look what the booklet for
Hex(3B3BC7) contains.

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Color

Hex(3B3BC7)

Conversions

Conversions Part 1

Format	Color
Hex	3B3BC7
RGB	59, 59, 199
RGB Percent	23%, 23%, 78%
CMY	0.7686, 0.7686, 0.2196
CMYK	0.70, 0.70, 0.00, 0.22
HSL	240°, 56%, 51%
HSV	240°, 70%, 78%
XYZ	13.6764, 8.1813, 54.8911
YIQ	74.9600, -44.9400, 43.5400

Conversions

Conversions Part 2

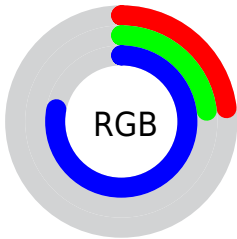
Format	Color
R_{YB}	59, 59, 199
Decimal	3881927
CIE _{Lab}	34.36, 44.95, -72.35
CIE _{LCh}	34, 85.178, 301.851
Yxy	8.1813, 0.1782, 0.1066
Android (android.graphics.Color)	4282072007 (0xFF3B3BC7)
YUV	74.9600, 61.1517, -13.9969
Hunter-Lab	28.6029, 35.2942, -93.7600

Details

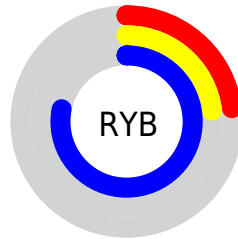
The Hex color **3B3BC7** is a dark color, and the websafe version is hex **3333CC**. The color can be described as dark muted blue. A complement of this color would be **C7C73B**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **7D6CFF**, and **000E90** is the 20% darker color. If you saturate the color by 10%, you get **2727C7**, and if you desaturate by 10%, it is **4F4FC7**.

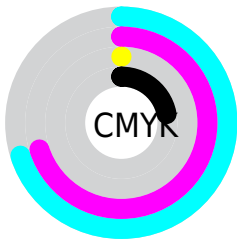
Distribution



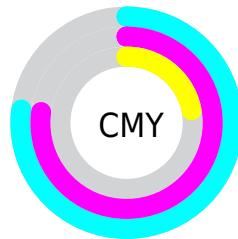
- Red (23%)
- Green (23%)
- Blue (78%)



- Red (23%)
- Yellow (23%)
- Blue (78%)



- Cyan (70%)
- Magenta (70%)
- Yellow (0%)
- Black (22%)



- Cyan (77%)
- Magenta (77%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3B3BC7 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 3B3BC7 by changing the saturation by 10% instead.

 3B3BC7

 3B3BC7

FFFFFF

 0024AB

 7D6CFF

 000E90

 9B85FF

 000075

 B9A0FF

 00005C

 D8BBFF

 000743

 F6D7FF

 00032C

 FFF3FF

 000116

 000000

 3B3BC7

 3B3BC7

 2727C7

 4F4FC7

 1313C7

 6363C7

 0000C7

 7777C7

 8B8BC7

 9F9FC7

 B2B2C7

 C6C6C7

 DADAC7

 EEEEC7

Harmonies

Analogous

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



005BDC



3B3BC7



A00092

Triad

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



3B3BC7



932F00



006954

Complementary

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



3B3BC7



C7C73B

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.



006600



3B3BC7



605000

Square

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



3B3BC7



B6000D



006000



006A98

Rectangle

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



3B3BC7



B90066



006000



00683B

Sweetspot

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



3B3BC7



C9C9FF



3BC7C7



606080



000000



808080

Same Dimension

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



3B3BC7



2929FF



813BC7



5A5A63



0000A3



000024

Inverse Universe

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



C73BC7



FF29FF



81C73B



635A63



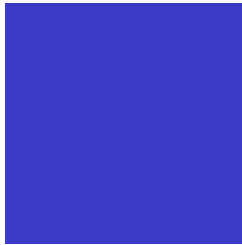
A300A3



240024

Previews

White Background



This preview shows how the Hex color 3B3BC7 looks on a white background.

Color Contrast Check

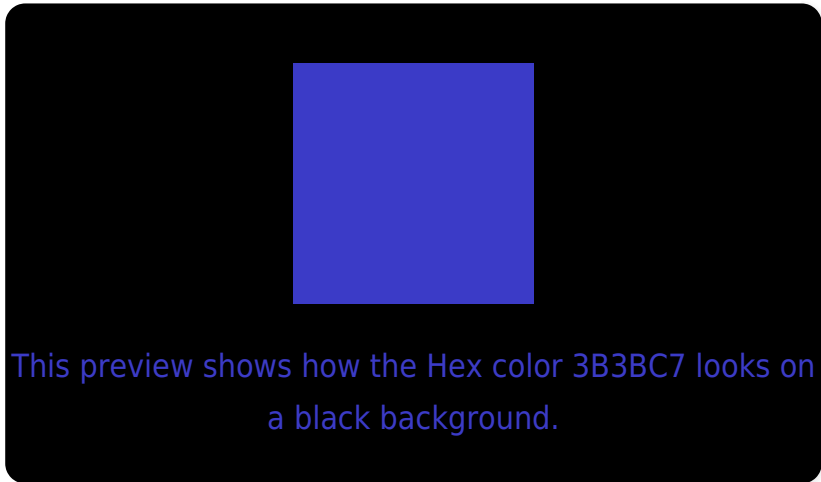
Large Text (above 18pt) WCAG AA ✓ Pass

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

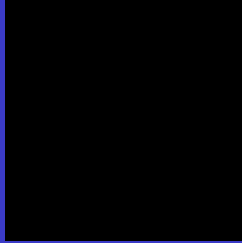
Any Text WCAG AA × Fail

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 3B3BC7 Background



This preview shows how black text looks on a background with the Hex color 3B3BC7.



This preview shows how white text looks on a background with the Hex color 3B3BC7.

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
00595F

Trichromacy



Original Color
3B3BC7

Protanomaly
1547B1

Deuteranomaly
154AA1

Tritanomaly
154E85

Monochromacy



Original Color
3B3BC7

Achromatopsia
4B4B4B

Achromatomaly
454578

CSS Examples

Text

The CSS property to change the color of the text to Hex 3B3BC7 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 #3B3BC7 looks like.

```
.text, #text, p{  
    color:#3B3BC7  
}
```

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 #3B3BC7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3B3BC7
}
```

Border

The CSS property to change the border of an element to Hex 3B3BC7 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
#3B3BC7 }
```

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

```
.border{ border-color:#3B3BC7 }
```

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

Here you see how a box with a 4 pixel #3B3BC7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3B3BC7; -webkit-box-shadow:4px 4px  
4px 4px #3B3BC7; box-shadow:4px 4px 4px  
4px #3B3BC7 }
```

Background

The CSS property to change the background color of an element to Hex 3B3BC7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3B3BC7 }
```

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

```
.background{ background-color:#3B3BC7 }
```

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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