

Converting Colors

Hex(3B3DB0)

Have a look what the booklet for
Hex(3B3DB0) contains.

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Color

Hex(3B3DB0)

Conversions

Conversions Part 1

Format	Color
Hex	3B3DB0
RGB	59, 61, 176
RGB Percent	23%, 24%, 69%
CMY	0.7686, 0.7608, 0.3098
CMYK	0.66, 0.65, 0.00, 0.31
HSL	239°, 50%, 46%
HSV	239°, 66%, 69%
XYZ	11.3088, 7.4019, 41.9070
YIQ	73.5120, -38.1070, 35.3410

Conversions

Conversions Part 2

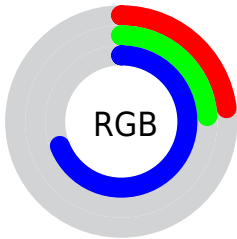
Format	Color
R _Y B	59, 61, 176
Decimal	3882416
CIE Lab	32.70, 35.99, -61.51
CIE LCh	33, 71.261, 300.331
Yxy	7.4019, 0.1866, 0.1221
Android (android.graphics.Color)	4282072496 (0xFF3B3DB0)
YUV	73.5120, 50.5266, -12.7270
Hunter-Lab	27.2064, 26.5857, -72.2820

Details

The Hex color **3B3DB0** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **B0AE3B**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **786DE9**, and **00127A** is the 20% darker color. If you saturate the color by 10%, you get **292CB0**, and if you desaturate by 10%, it is **4D4EB0**.

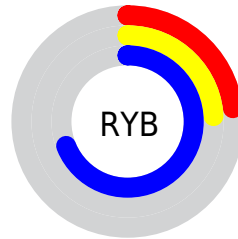
Distribution



 Red (23%)

 Green (24%)

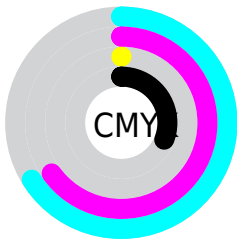
 Blue (69%)





 Red (23%)

 Yellow (24%)

 Blue (69%)

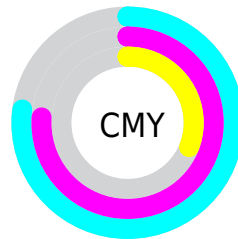


 Cyan (66%)

 Magenta (65%)

 Yellow (0%)

 Black (31%)



 Cyan (77%)

 Magenta (76%)

 Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3B3DB0 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 3B3DB0 by changing the saturation by 10% instead.

 3B3DB0

 3B3DB0

FFFFFF

 102795

 786DE9

 00127A

 9586FF

 000061

 B2A1FF

 000548

 D0BCFF

 000430

 EED8FF

 00011B

 FFF4FF

 000000

 3B3DB0

 3B3DB0

 292CB0

 4D4EB0

■ 181AB0

■ 5E60B0

■ 0609B0

■ 7071B0

■ 0003B0

■ 8182B0

■ 9393B0

■ A5A5B0

■ B6B6B0

■ C8C7B0

■ D9D9B0

Harmonies

Analogous

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



0055C0



3B3DB0



8D0186

Triad

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



3B3DB0



893100



00624C

Complementary

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



3B3DB0



B0AE3B

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.



005F0A



3B3DB0



5E4B00

Square

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



3B3DB0



A40018



225900



006385

Rectangle

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



3B3DB0



A30062



225900



006238

Sweetspot

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



3B3DB0



B8B8E6



3BB0AC



575873



F2F2F2



737373

Same Dimension

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



3B3DB0



2E31E6



723BB0



505059



000399



00001A

Inverse Universe

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



B03B3D



E62E31



79B03B



595050



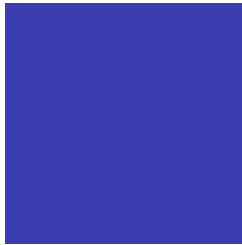
990003



1A0000

Previews

White Background



This preview shows how the Hex color 3B3DB0 looks on a white background.

Color Contrast Check

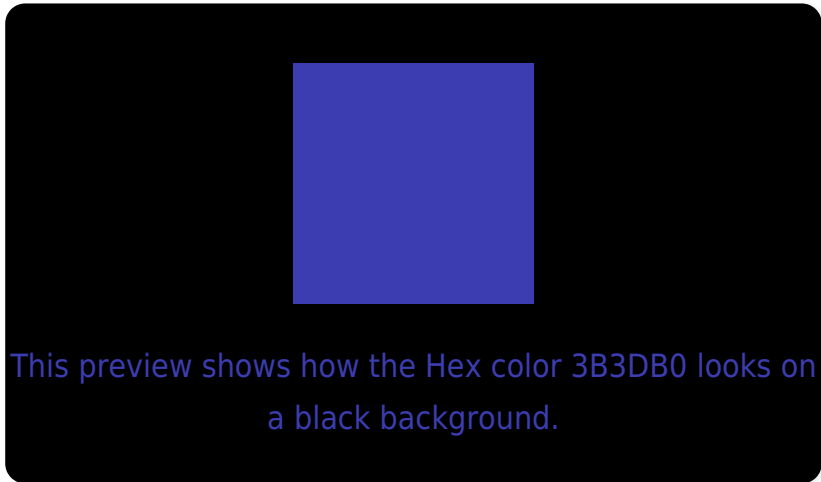
Large Text (above 18pt) WCAG AA ✓ Pass

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

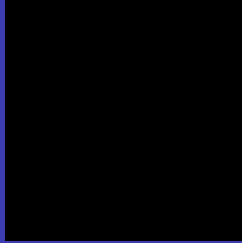
Any Text WCAG AA × Fail

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 3B3DB0 Background



This preview shows how black text looks on a background with the Hex color 3B3DB0.

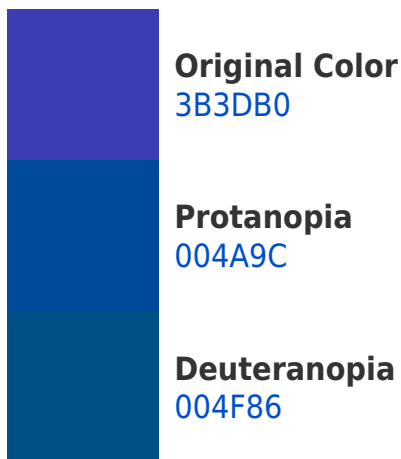


This preview shows how white text looks on a background with the Hex color 3B3DB0.

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
3B3DB0

Protanomaly
1545A3

Deuteranomaly
154895

Tritanomaly
154C7B

Monochromacy



Original Color
3B3DB0

Achromatopsia
4A4A4A

Achromatomaly
45456F

CSS Examples

Text

The CSS property to change the color of the text to Hex 3B3DB0 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 #3B3DB0 looks like.

```
.text, #text, p{  
    color:#3B3DB0  
}
```

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 #3B3DB0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3B3DB0
}
```

Border

The CSS property to change the border of an element to Hex 3B3DB0 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".

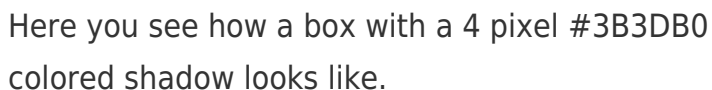
```
.border, #border, table{ border:4px solid
#3B3DB0 }
```

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

```
.border{ border-color:#3B3DB0 }
```

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

Here you see how a box with a 4 pixel #3B3DB0 colored shadow looks like.

A rectangular box with a blue border and a blue shadow. The box is white with a blue border and a blue shadow. The shadow is a 4px blue shadow.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3B3DB0; -webkit-box-shadow:4px 4px  
4px 4px #3B3DB0; box-shadow:4px 4px 4px  
4px #3B3DB0 }
```

Background

The CSS property to change the background color of an element to Hex 3B3DB0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3B3DB0 }
```

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

```
.background{ background-color:#3B3DB0 }
```

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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