

Converting Colors

Hex(3344B0)

Have a look what the booklet for
Hex(3344B0) contains.

Hex(3344B0)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(3344B0)

Conversions

Conversions Part 1

Format	Color
Hex	3344B0
RGB	51, 68, 176
RGB Percent	20%, 27%, 69%
CMY	0.8000, 0.7333, 0.3098
CMYK	0.71, 0.61, 0.00, 0.31
HSL	232°, 55%, 45%
HSV	232°, 71%, 69%
XYZ	11.2688, 7.9726, 42.0192
YIQ	75.2290, -44.8000, 29.9840

Conversions

Conversions Part 2

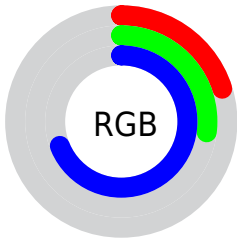
Format	Color
R_{YB}	51, 66, 176
Decimal	3359920
CIE _{Lab}	33.93, 30.43, -59.53
CIE _{LCh}	34, 66.860, 297.077
Yxy	7.9726, 0.1839, 0.1301
Android (android.graphics.Color)	4281550000 (0xFF3344B0)
YUV	75.2290, 49.6801, -21.2488
Hunter-Lab	28.2359, 21.8260, -68.4674

Details

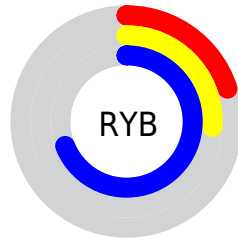
The Hex color **3344B0** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **B09F33**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **7274E9**, and **001A7A** is the 20% darker color. If you saturate the color by 10%, you get **2135B0**, and if you desaturate by 10%, it is **4553B0**.

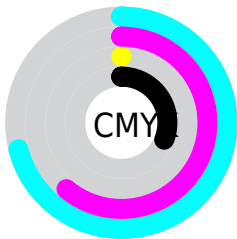
Distribution



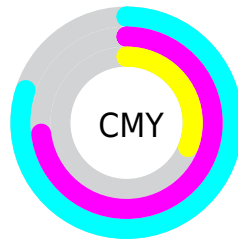
- Red (20%)
- Green (27%)
- Blue (69%)



- Red (20%)
- Yellow (26%)
- Blue (69%)



- Cyan (71%)
- Magenta (61%)
- Yellow (0%)
- Black (31%)



- Cyan (80%)
- Magenta (73%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3344B0 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 3344B0 by changing the saturation by 10% instead.

■ 3344B0

■ 3344B0

FFFFFF

■ 002E95

■ 7274E9

■ 001A7A

■ 8F8EFF

■ 000461

■ ACA8FF

■ 000548

■ CAC3FF

■ 000431

■ E7DFFF

■ 00011B

■ FFFCFF

■ 000000

■ 3344B0

■ 3344B0

■ 2135B0

■ 4553B0

■ 1026B0

■ 5662B0

■ 0018B0

■ 6872B0

■ 7981B0

■ 8B90B0

■ 9D9FB0

■ AEAEB0

■ C0BEB0

■ D1CDB0

Harmonies

Analogous

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



0059BC



3344B0



881E8A

Triad

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



3344B0



8E3200



006449

Complementary

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



3344B0



B09F33

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.



00610A



3344B0



674C00

Square

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



3344B0



A50024



335A00



00657F

Rectangle

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



3344B0



A00069



335A00



006436

Sweetspot

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



3344B0



B5BCE6



33B09D



565A73



F2F2F2



737373

Same Dimension

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



3344B0



223DE6



5F33B0



505259



001599



00031A

Inverse Universe

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



B03344



E6223D



84B033



595052



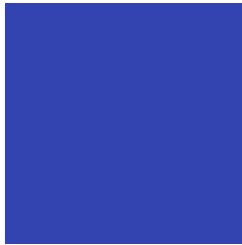
990015



1A0003

Previews

White Background



This preview shows how the Hex color 3344B0 looks on a white background.

Color Contrast Check

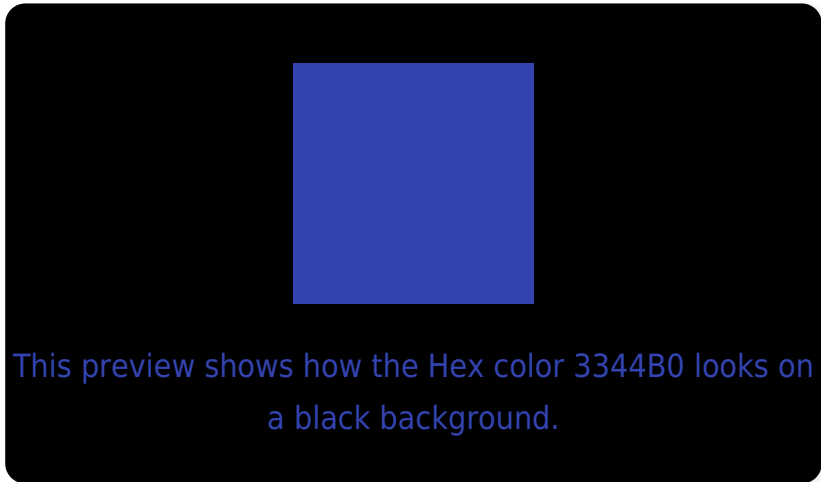
Large Text (above 18pt) WCAG AA ✓ Pass

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

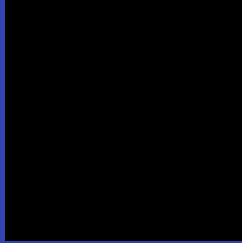
Any Text WCAG AA × Fail

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 3344B0 Background



This preview shows how black text looks on a background with the Hex color 3344B0.



This preview shows how white text looks on a background with the Hex color 3344B0.

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

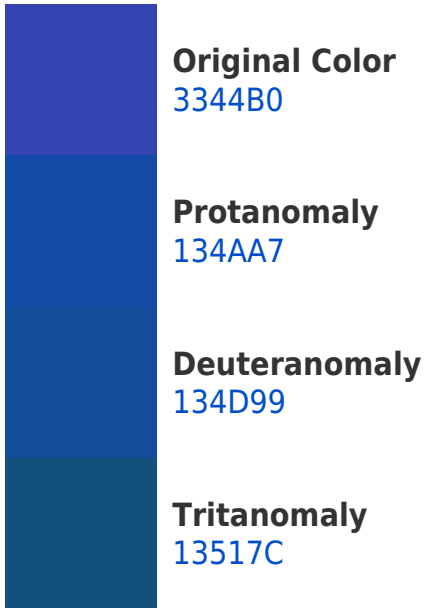


Original Color
3344B0

Protanopia
004DA2

Deuteranopia
00528C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3344B0 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 #3344B0 looks like.

```
.text, #text, p{  
    color:#3344B0  
}
```

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 #3344B0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3344B0
}
```

Border

The CSS property to change the border of an element to Hex 3344B0 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
#3344B0 }
```

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

```
.border{ border-color:#3344B0 }
```

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

Here you see how a box with a 4 pixel #3344B0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3344B0; -webkit-box-shadow:4px 4px  
4px 4px #3344B0; box-shadow:4px 4px 4px  
4px #3344B0 }
```

Background

The CSS property to change the background color of an element to Hex 3344B0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3344B0 }
```

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

```
.background{ background-color:#3344B0 }
```

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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor