

Converting Colors

Hex(0334B8)

Have a look what the booklet for
Hex(0334B8) contains.

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Color

Hex(0334B8)

Conversions

Conversions Part 1

Format	Color
Hex	0334B8
RGB	3, 52, 184
RGB Percent	1%, 20%, 72%
CMY	0.9882, 0.7961, 0.2784
CMYK	0.98, 0.72, 0.00, 0.28
HSL	224°, 97%, 37%
HSV	224°, 98%, 72%
XYZ	9.9173, 5.9360, 45.9705
YIQ	52.3970, -71.5760, 30.6640

Conversions

Conversions Part 2

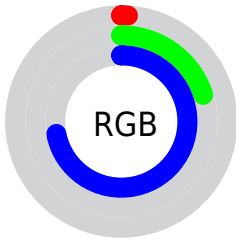
Format	Color
R_YB	3, 42, 184
Decimal	210104
CIE Lab	29.25, 40.34, -72.02
CIE LCh	29, 82.551, 299.257
Yxy	5.9360, 0.1604, 0.0960
Android (android.graphics.Color)	4278400184 (0xFF0334B8)
YUV	52.3970, 64.8803, -43.3212
Hunter-Lab	24.3640, 30.0209, -94.8149

Details

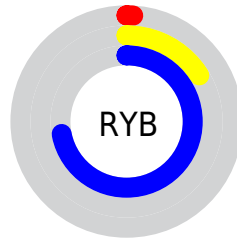
The Hex color **0334B8** is a dark color, and the websafe version is hex **0033CC**. A complement of this color would be **B88703**, and the grayscale version is **343434**.

A 20% lighter version of the original color is **6163F1**, and **000C81** is the 20% darker color. If you saturate the color by 10%, you get **0032B8**, and if you desaturate by 10%, it is **1541B8**.

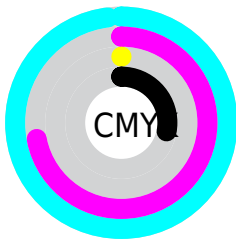
Distribution



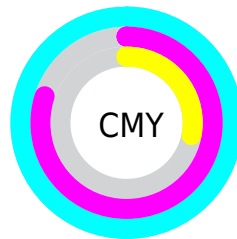
- Red (1%)
- Green (20%)
- Blue (72%)



- Red (1%)
- Yellow (16%)
- Blue (72%)



- Cyan (98%)
- Magenta (72%)
- Yellow (0%)
- Black (28%)



- Cyan (99%)
- Magenta (80%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0334B8 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 0334B8 by changing the saturation by 10% instead.

 0334B8

 0334B8

FFFFFF

 001F9C

 6163F1

 000C81

 817CFF

 000068

 9F96FF

 000A4E

 BEB1FF

 000536

 DCCCFF

 000220

 FBE8FF

 000004

 000000

 0334B8

 0334B8

■ 0032B8

■ 1541B8

■ 284FB8

■ 3A5CB8

■ 4D6AB8

■ 5F77B8

■ 7185B8

■ 8492B8

■ 969FB8

■ A9ADB8

Harmonies

Analogous

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



0050C9



0334B8



8A0088

Triad

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



0334B8



861E00



005B42

Complementary

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



0334B8



B88703

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.



005800



0334B8



574300

Square

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



0334B8



A5000B



005200



005C83

Rectangle

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



0334B8



A4005F



005200



005A2B

Sweetspot

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



0334B8



A8BBF0



03B885



4D5878



F7F7F7



787878

Same Dimension

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



0334B8



0041F0



2A03B8



53555C



002A9C



00081C

Inverse Universe

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



B80334



F00041



91B803



5C5355



9C002A



1C0008

Previews

White Background



This preview shows how the Hex color 0334B8 looks on a white background.

Color Contrast Check

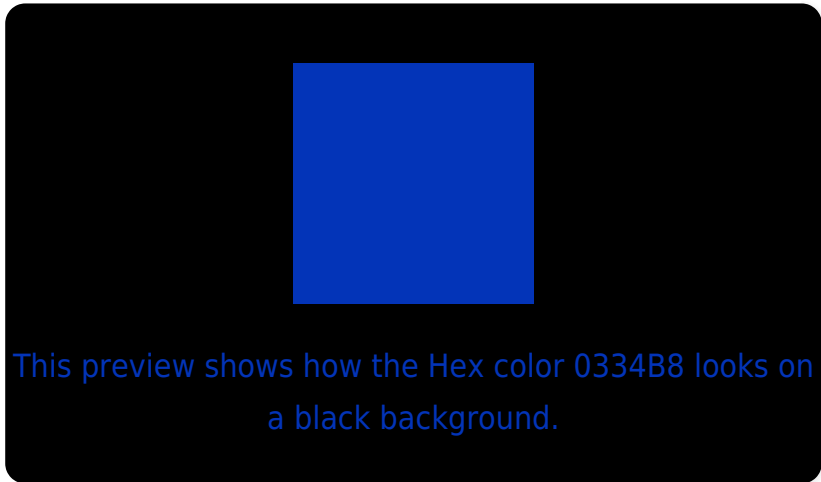
Large Text (above 18pt) WCAG AA ✓ Pass

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

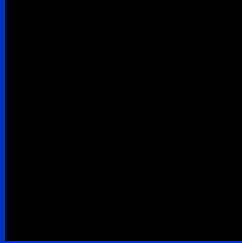
Any Text WCAG AA × Fail

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 0334B8 Background



This preview shows how black text looks on a background with the Hex color 0334B8.



This preview shows how white text looks on a background with the Hex color 0334B8.

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
0334B8

Protanopia
00438C

Deuteranopia
004778

Trichromacy



Original Color
0334B8

Protanomaly
013E9C

Deuteranomaly
01408F

Tritanomaly
014476

Monochromacy



Original Color
0334B8

Achromatopsia
343434

Achromatomaly
223464

CSS Examples

Text

The CSS property to change the color of the text to Hex 0334B8 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 #0334B8 looks like.

```
.text, #text, p{  
    color:#0334B8  
}
```

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 #0334B8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0334B8
}
```

Border

The CSS property to change the border of an element to Hex 0334B8 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
#0334B8 }
```

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

```
.border{ border-color:#0334B8 }
```

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

Here you see how a box with a 4 pixel #0334B8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0334B8; -webkit-box-shadow:4px 4px  
4px 4px #0334B8; box-shadow:4px 4px 4px  
4px #0334B8 }
```

Background

The CSS property to change the background color of an element to Hex 0334B8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0334B8 }
```

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

```
.background{ background-color:#0334B8 }
```

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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