

Converting Colors

Hex(3434DB)

Have a look what the booklet for
Hex(3434DB) contains.

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Color

Hex(3434DB)

Conversions

Conversions Part 1

Format	Color
Hex	3434DB
RGB	52, 52, 219
RGB Percent	20%, 20%, 86%
CMY	0.7961, 0.7961, 0.1412
CMYK	0.76, 0.76, 0.00, 0.14
HSL	240°, 70%, 53%
HSV	240°, 76%, 86%
XYZ	15.4303, 8.3005, 67.8067
YIQ	71.0380, -53.6070, 51.9370

Conversions

Conversions Part 2

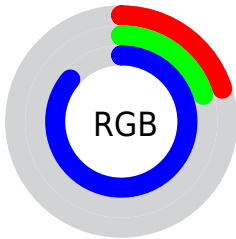
Format	Color
R_{YB}	52, 52, 219
Decimal	3421403
CIE _{Lab}	34.60, 54.65, -83.55
CIE _{LCh}	35, 99.837, 303.191
Yxy	8.3005, 0.1686, 0.0907
Android (android.graphics.Color)	4281611483 (0xFF3434DB)
YUV	71.0380, 72.9453, -16.6963
Hunter-Lab	28.8106, 45.1822, -119.3735

Details


The Hex color **3434DB** 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 **DBDB34**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **7D65FF**, and **0003A2** is the 20% darker color. If you saturate the color by 10%, you get **1E1EDB**, and if you desaturate by 10%, it is **4A4ADB**.

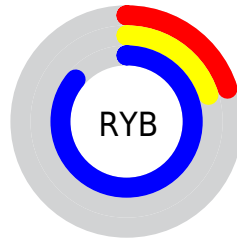
Distribution



 Red (20%)

 Green (20%)

 Blue (86%)




 Red (20%)

 Yellow (20%)

 Blue (86%)

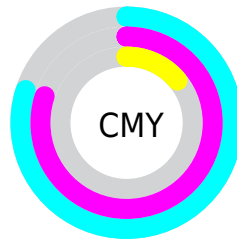



 Cyan (76%)

 Magenta (76%)

 Yellow (0%)

 Black (14%)



 Cyan (80%)

 Magenta (80%)

 Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3434DB 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 3434DB by changing the saturation by 10% instead.

 3434DB

 3434DB

FFFFFF

 001CBE

 7D65FF

 0003A2

 9D7FFF

 000087

 BD9AFF

 00006D

 DCB5FF

 000B53

 FBD1FF

 00063B

 FFEEFF

 000225

 00010D

 000000

■ 3434DB

■ 3434DB

■ 1E1EDB

■ 4A4ADB

■ 0808DB

■ 6060DB

■ 0000DB

■ 7676DB

■ 8C8CDB

■ A2A2DB

■ B7B7DB

■ CDCCDB

■ E3E3DB

■ F9F9DB

Harmonies

Analogous

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



005DF7



3434DB



AF009B

Triad

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



3434DB



9A2800



006B59

Complementary

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



3434DB



DBDB34

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.



006900



3434DB



5D5200

Square

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



3434DB



C30000



006300



006DA9

Rectangle

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



3434DB



CA0067



006300



006B3C

Sweetspot

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



3434DB



C4C4FF



34DBDB



5C5C80



000000



808080

Same Dimension

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



3434DB



1414FF



8834DB



63636E



0000AD



00002E

Inverse Universe

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



DB34DB



FF14FF



88DB34



6E636E



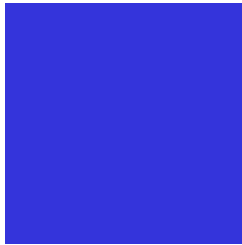
AD00AD



2E002E

Previews

White Background



This preview shows how the Hex color 3434DB looks on a white background.

Color Contrast Check

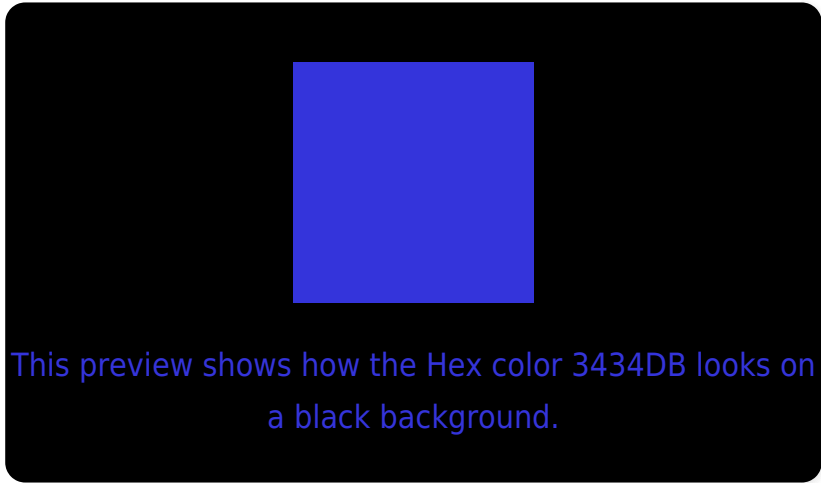
Large Text (above 18pt) WCAG AA ✓ Pass

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

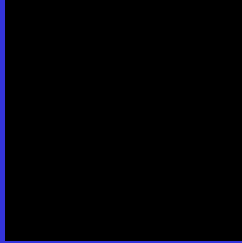
Any Text WCAG AA × Fail

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 3434DB Background



This preview shows how black text looks on a background with the Hex color 3434DB.

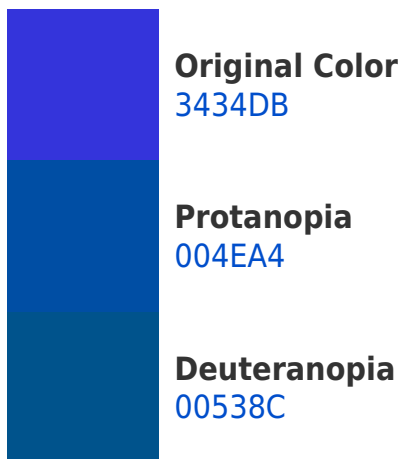


This preview shows how white text looks on a background with the Hex color 3434DB.

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
005A5F

Trichromacy



Original Color
3434DB

Protanomaly
1345B8

Deuteranomaly
1348A9

Tritanomaly
134C8C

Monochromacy



Original Color
3434DB

Achromatopsia
474747

Achromatomaly
40407D

CSS Examples

Text

The CSS property to change the color of the text to Hex 3434DB 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 #3434DB looks like.

```
.text, #text, p{  
    color:#3434DB  
}
```

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 #3434DB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3434DB
}
```

Border

The CSS property to change the border of an element to Hex 3434DB 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
#3434DB }
```

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

```
.border{ border-color:#3434DB }
```

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

Here you see how a box with a 4 pixel #3434DB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3434DB; -webkit-box-shadow:4px 4px  
4px 4px #3434DB; box-shadow:4px 4px 4px  
4px #3434DB }
```

Background

The CSS property to change the background color of an element to Hex 3434DB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3434DB }
```

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

```
.background{ background-color:#3434DB }
```

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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