

Converting Colors

Hex(334EDB)

Have a look what the booklet for
Hex(334EDB) contains.

Hex(334EDB)	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(334EDB)

Conversions

Conversions Part 1

Format	Color
Hex	334EDB
RGB	51, 78, 219
RGB Percent	20%, 31%, 86%
CMY	0.8000, 0.6941, 0.1412
CMYK	0.77, 0.64, 0.00, 0.14
HSL	230°, 70%, 53%
HSV	230°, 77%, 86%
XYZ	16.8758, 11.2671, 68.3031
YIQ	86.0010, -61.3530, 38.1270

Conversions

Conversions Part 2

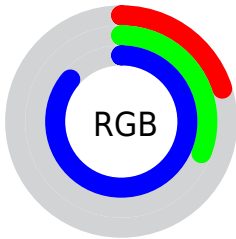
Format	Color
RYB	51, 74, 219
Decimal	3362523
CIELab	40.03, 39.53, -74.61
CIELCh	40, 84.436, 297.916
Yxy	11.2671, 0.1750, 0.1168
Android (android.graphics.Color)	4281552603 (0xFF334EDB)
YUV	86.0010, 65.5685, -30.6959
Hunter-Lab	33.5664, 31.0011, -97.1506

Details

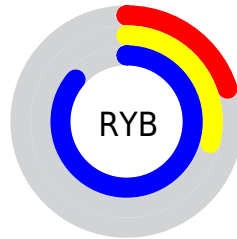
The Hex color **334EDB** is a dark color, and the websafe version is hex **3366FF**. The color can be described as dark muted blue. A complement of this color would be **DBC033**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **7B7FFF**, and **0022A3** is the 20% darker color. If you saturate the color by 10%, you get **1D3CDB**, and if you desaturate by 10%, it is **4960DB**.

Distribution



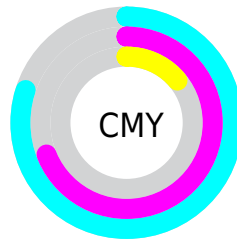
- Red (20%)
- Green (31%)
- Blue (86%)



- Red (20%)
- Yellow (29%)
- Blue (86%)



- Cyan (77%)
- Magenta (64%)
- Yellow (0%)
- Black (14%)



- Cyan (80%)
- Magenta (69%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Hex color 334EDB 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 334EDB by changing the saturation by 10% instead.

 334EDB

 334EDB

FFFFFF

 0037BF

 7B7FFF

 0022A3

 9A99FF

 001088

 B9B4FF

 00006D

 D8CFFF

 000B54

 F7ECFF

 00063C

 000225

 00010D

 000000

■ 334EDB

■ 334EDB

■ 1D3CDB

■ 4960DB

■ 0729DB

■ 5F73DB

■ 0023DB

■ 7585DB

■ 8B98DB

■ A1AADB

■ B6BCDB

■ CCCFDB

■ E2E1DB

■ F8F3DB

Harmonies

Analogous

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



006AEC



334EDB



A804A9

Triad

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



334EDB



AB3700



007857

Complementary

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



334EDB



DBC033

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.



007400



334EDB



785B00

Square

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



334EDB



CA0023



306C00



00799E

Rectangle

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



334EDB



C6007D



306C00



00773F

Sweetspot

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



334EDB



C4CEFF



33DBBF



5C6280



000000



808080

Same Dimension

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



334EDB



143AFF



6B33DB



63646E



001CAD



00072E

Inverse Universe

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



DB334E



FF143A



A3DB33



6E6364



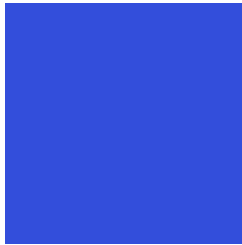
AD001C



2E0007

Previews

White Background



This preview shows how the Hex color 334EDB looks on a white background.

Color Contrast Check

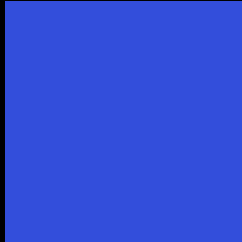
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 334EDB looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

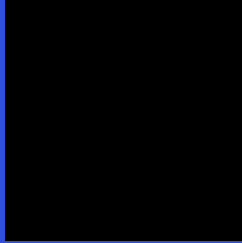
Any Text WCAG AA × Fail

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 334EDB Background



This preview shows how black text looks on a background with the Hex color 334EDB.

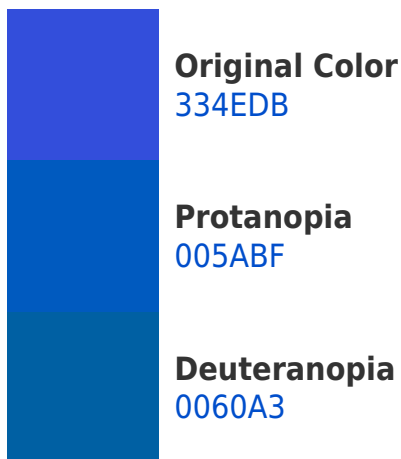


This preview shows how white text looks on a background with the Hex color 334EDB.

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](#).

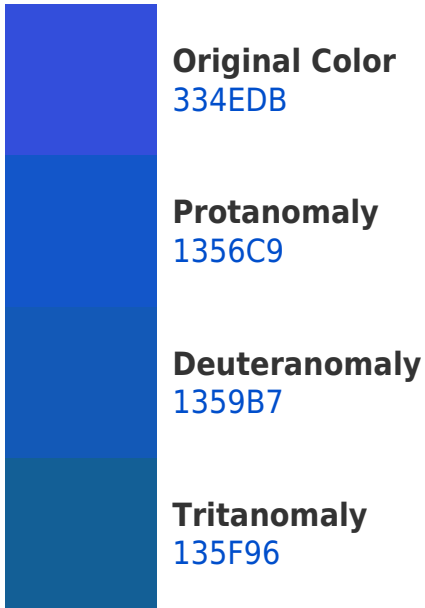
Dichromacy



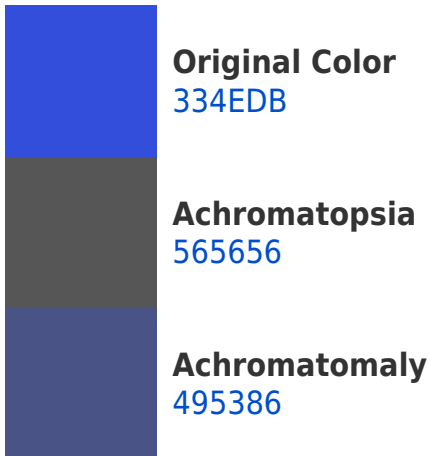


Tritanopia
00686F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 334EDB 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 #334EDB looks like.

```
.text, #text, p{  
    color:#334EDB  
}
```

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 #334EDB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #334EDB
}
```

Border

The CSS property to change the border of an element to Hex 334EDB 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
#334EDB }
```

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

```
.border{ border-color:#334EDB }
```

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

Here you see how a box with a 4 pixel #334EDB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #334EDB; -webkit-box-shadow:4px 4px  
4px 4px #334EDB; box-shadow:4px 4px 4px  
4px #334EDB }
```

Background

The CSS property to change the background color of an element to Hex 334EDB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#334EDB }
```

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

```
.background{ background-color:#334EDB }
```

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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