

Converting Colors

Hex(334EEA)

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

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Color

Hex(334EEA)

Conversions

Conversions Part 1

Format	Color
Hex	334EEA
RGB	51, 78, 234
RGB Percent	20%, 31%, 92%
CMY	0.8000, 0.6941, 0.0824
CMYK	0.78, 0.67, 0.00, 0.08
HSL	231°, 81%, 56%
HSV	231°, 78%, 92%
XYZ	18.9409, 12.0931, 79.1778
YIQ	87.7110, -66.1680, 42.7920

Conversions

Conversions Part 2

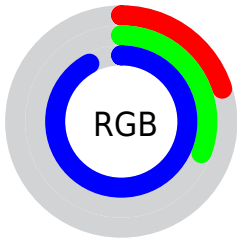
Format	Color
RYB	51, 75, 234
Decimal	3362538
CIELab	41.36, 44.79, -80.95
CIELCh	41, 92.514, 298.958
Yxy	12.0931, 0.1719, 0.1097
Android (android.graphics.Color)	4281552618 (0xFF334EEA)
YUV	87.7110, 72.1205, -32.1955
Hunter-Lab	34.7751, 36.3668, -110.6519

Details

The Hex color **334EEA** is a dark color, and the websafe version is hex **3366FF**. The color can be described as dark washed blue. A complement of this color would be **EACF33**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **7E7FFF**, and **0022B1** is the 20% darker color. If you saturate the color by 10%, you get **1C3AEA**, and if you desaturate by 10%, it is **4A62EA**.

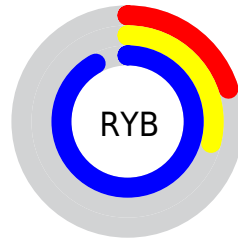
Distribution



Red (20%)

Green (31%)

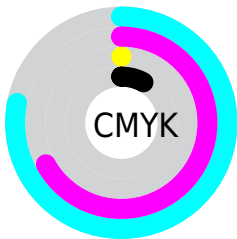
Blue (92%)



Red (20%)

Yellow (29%)

Blue (92%)

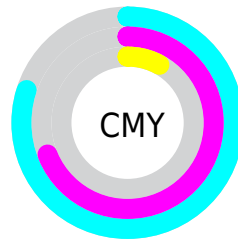


Cyan (78%)

Magenta (67%)

Yellow (0%)

Black (8%)



Cyan (80%)

Magenta (69%)

Yellow (8%)

Brightness & Saturation Gradients

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

 334EEA

 334EEA

FFFFFF

 0037CD

 7E7FFF

 0022B1

 9E99FF

 000F95

 BEB4FF

 00007B

 DDD0FF

 000960

 FDECFE

 000848

 000430

 00011A

 000000

■ 334EEA

■ 334EEA

■ 1C3AEA

■ 4A62EA

■ 0426EA

■ 6276EA

■ 0023EA

■ 798AEA

■ 919EEA

■ A8B2EA

■ BFC6EA

■ D7DAEA

■ EEEEEA

■ FFFFEA

Harmonies

Analogous

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



006EFE



334EEA



B400B2

Triad

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



334EEA



B23700



007D5D

Complementary

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



334EEA



EACF33

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.



007900



334EEA



7A5F00

Square

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



334EEA



D6001E



257100



007EAA

Rectangle

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



334EEA



D40081



257100



007C42

Sweetspot

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



334EEA



C4CDFF



33EACF



5C6180



000000



808080

Same Dimension

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



334EEA



0F33FF



7333EA



6A6B75



001BB5



000836

Inverse Universe

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



EA334E



FF0F33



AAEA33



756A6B



B5001B



360008

Previews

White Background



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

Color Contrast Check

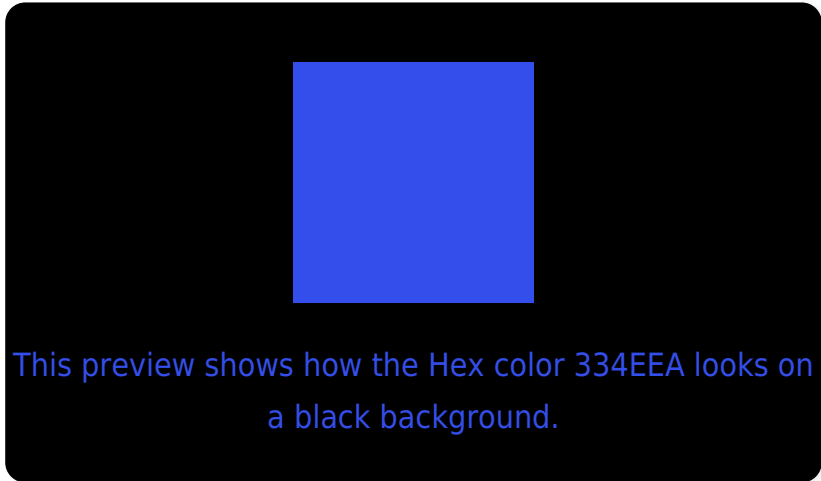
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

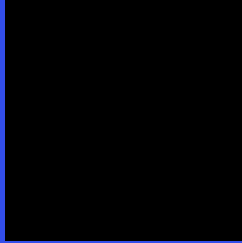
Any Text WCAG AA × Fail

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 334EEA Background



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

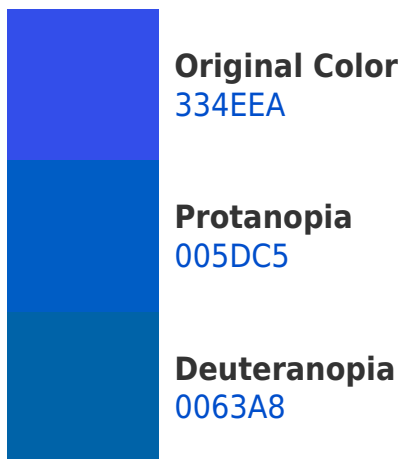


This preview shows how white text looks on a background with the Hex color 334EEA.

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](#).

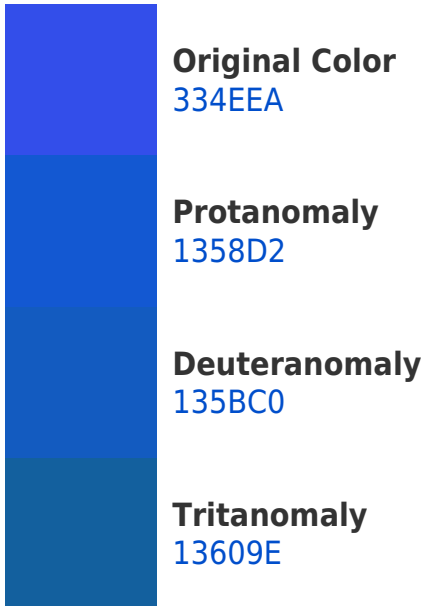
Dichromacy





Tritanopia
006B72

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #334EEA colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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