

# Converting Colors

Hex(3415E2)

Have a look what the booklet for  
Hex(3415E2) contains.

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# Color

Hex(3415E2)

# Conversions

## Conversions Part 1

Format	Color
Hex	3415E2
RGB	52, 21, 226
RGB Percent	20%, 8%, 89%
CMY	0.7961, 0.9176, 0.1137
CMYK	0.77, 0.91, 0.00, 0.11
HSL	249°, 83%, 48%
HSV	249°, 91%, 89%
XYZ	15.4118, 6.7574, 72.4435
YIQ	53.6390, -47.3290, 70.3270

# Conversions

## Conversions Part 2

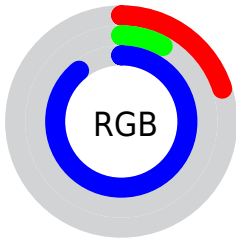
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	52, 21, 226
Decimal	3413474
CIE Lab	31.25, 69.00, -93.14
CIE LCh	31, 115.910, 306.531
Yxy	6.7574, 0.1629, 0.0714
Android (android.graphics.Color)	4281603554 (0xFF3415E2)
YUV	53.6390, 84.9740, -1.4374
Hunter-Lab	25.9950, 60.3373, -147.0346

# Details

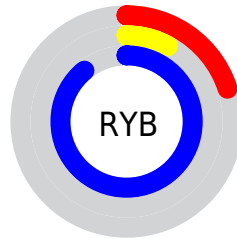
The Hex color **3415E2** is a dark color, and the websafe version is hex **0000CC**. The color can be described as dark washed blue. A complement of this color would be **C3E215**, and the grayscale version is **353535**.

A 20% lighter version of the original color is **814EFF**, and **0000A9** is the 20% darker color. If you saturate the color by 10%, you get **2200E2**, and if you desaturate by 10%, it is **472CE2**.

# Distribution



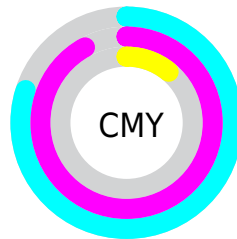
- Red (20%)
- Green (8%)
- Blue (89%)



- Red (20%)
- Yellow (8%)
- Blue (89%)



- Cyan (77%)
- Magenta (91%)
- Yellow (0%)
- Black (11%)



- Cyan (80%)
- Magenta (92%)
- Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3415E2 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 3415E2 by changing the saturation by 10% instead.



 3415E2	 3415E2
 FFFFFFFF	 0000C5
 814EFF	 0000A9
 A269FF	 00008D
 C284FF	 000073
 E29FFF	 000D59
 FFBBFF	 000740
 FFD8FF	 000329
 FFF5FF	 000113
	 000000

■ 3415E2

■ 3415E2

■ 2200E2

■ 472CE2

■ 5A42E2

■ 6E59E2

■ 816FE2

■ 9486E2

■ A79DE2

■ BAB3E2

■ CDCAE2

■ E1E0E2

# Harmonies

## Analogous

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



0057FF



3415E2



BA0094

# Triad

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



3415E2



901C00



00645D

# Complementary

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



3415E2



C3E215

# 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.



006100



3415E2



494E00

# Square

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



3415E2



C20000



005D00



0067B8

# Rectangle

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



3415E2



D30059



005D00



00633C



# Sweetspot

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



3415E2



C5BAFF



15C3E2



5D5780



000000



808080



# Same Dimension

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



3415E2



2700FF



9A15E2



676570



1B00B0



070030



# Inverse Universe

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



E215C3



FF00D8



5DE215



70656F



B00095

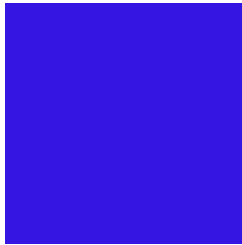


300029



# Previews

## White Background



This preview shows how the Hex color 3415E2 looks on a white background.

## Color Contrast Check

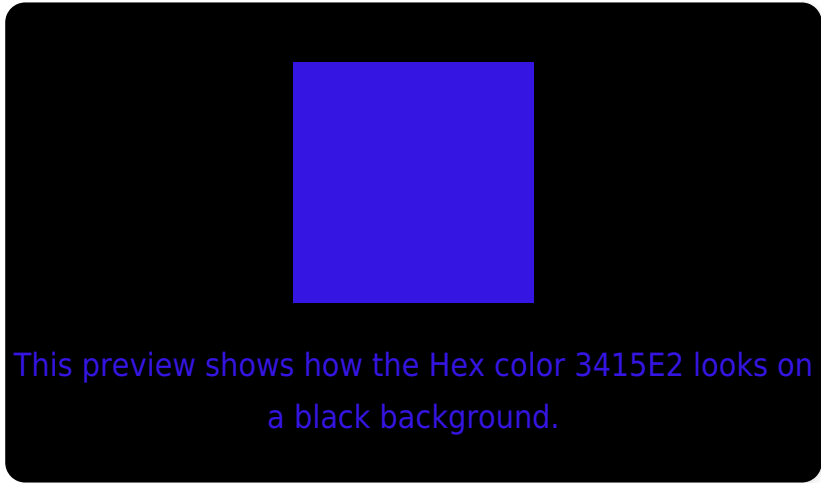
Large Text (above 18pt) WCAG AA ✓ Pass

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

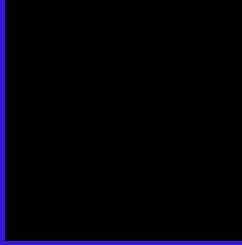
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 3415E2 Background



This preview shows how black text looks on a background with the Hex color 3415E2.



This preview shows how white text looks on a background with the Hex color 3415E2.

# 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**  
3415E2

**Protanopia**  
004795

**Deuteranopia**  
004C7E



# Trichromacy



**Original Color**  
3415E2

**Protanomaly**  
1335B1

**Deuteranomaly**  
1338A2

**Tritanomaly**  
133C89

# Monochromacy



**Original Color**  
3415E2

**Achromatopsia**  
363636

**Achromatomaly**  
352A75

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3415E2 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 #3415E2 looks like.

```
.text, #text, p{  
    color:#3415E2  
}
```

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 #3415E2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3415E2
}
```

## Border

The CSS property to change the border of an element to Hex 3415E2 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".

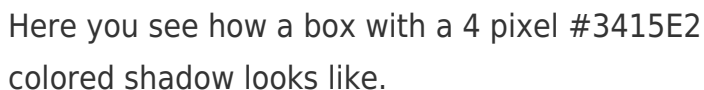
```
.border, #border, table{ border:4px solid
#3415E2 }
```

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

```
.border{ border-color:#3415E2 }
```

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

Here you see how a box with a 4 pixel #3415E2 colored shadow looks like.

A rectangular box with a thick blue border and a blue shadow. The box is white with a blue border and a blue shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3415E2; -webkit-box-shadow:4px 4px  
4px 4px #3415E2; box-shadow:4px 4px 4px  
4px #3415E2 }
```

# Background

The CSS property to change the background color of an element to Hex 3415E2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3415E2 }
```

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

```
.background{ background-color:#3415E2 }
```

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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