

# Converting Colors

Hex(4332E0)

Have a look what the booklet for  
Hex(4332E0) contains.

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# Color

**Hex(4332E0)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4332E0
RGB	67, 50, 224
RGB Percent	26%, 20%, 88%
CMY	0.7373, 0.8039, 0.1216
CMYK	0.70, 0.78, 0.00, 0.12
HSL	246°, 74%, 54%
HSV	246°, 78%, 88%
XYZ	16.9099, 8.8563, 71.3392
YIQ	74.9190, -45.7220, 57.7180

# Conversions

## Conversions Part 2

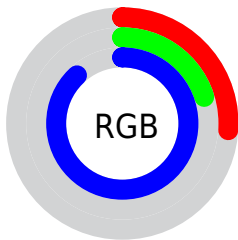
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	67, 50, 224
Decimal	4403936
CIE <sub>Lab</sub>	35.71, 58.34, -84.56
CIE <sub>LCh</sub>	36, 102.733, 304.604
Yxy	8.8563, 0.1741, 0.0912
Android (android.graphics.Color)	4282594016 (0xFF4332E0)
<b>YUV</b>	74.9190, 73.4969, -6.9450
Hunter-Lab	29.7596, 49.3475, -121.2975

# Details

The Hex color **4332E0** is a dark color, and the websafe version is hex **3333CC**. The color can be described as dark washed blue. A complement of this color would be **CFE032**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **8864FF**, and **0000A7** is the 20% darker color. If you saturate the color by 10%, you get **2F1CE0**, and if you desaturate by 10%, it is **5748E0**.

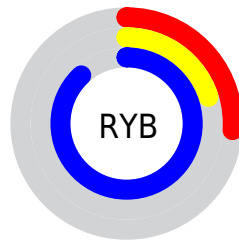
# Distribution



Red (26%)

Green (20%)

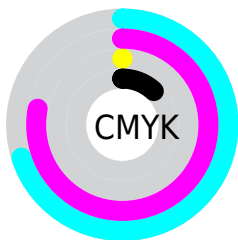
Blue (88%)



Red (26%)

Yellow (20%)

Blue (88%)

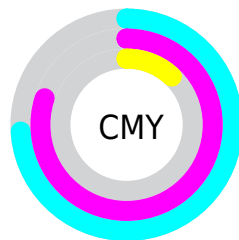


Cyan (70%)

Magenta (78%)

Yellow (0%)

Black (12%)



Cyan (74%)

Magenta (80%)

Yellow (12%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4332E0 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 4332E0 by changing the saturation by 10% instead.



 4332E0

 4332E0

FFFFFF

 0418C3

 8864FF

 0000A7

 A87FFF

 00008C

 C799FF

 000071

 E6B5FF

 000C57

 FFD1FF

 00063F

 FFEEFF

 000328

 000112

 000000

■ 4332E0

■ 4332E0

■ 2F1CE0

■ 5748E0

■ 1B05E0

■ 6B5FE0

■ 1600E0

■ 8075E0

■ 948CE0

■ A8A2E0

■ BCB8E0

■ D0CFE0

■ E5E5E0

■ F9FCE0

# Harmonies

## Analogous

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



005FFF



4332E0



B8009D

# Triad

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



4332E0



9C2D00



006F5F

# Complementary

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



4332E0



CFE032

# 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.



006C00



4332E0



5C5600

# Square

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



4332E0



C80000



006600



0071B2

# Rectangle

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



4332E0



D20067



006600



006E42



# Sweetspot

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



4332E0



CAC4FF



32D2E0



5F5C80



000000



808080



# Same Dimension

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



4332E0



2912FF



9732E0



666570



1100B0



050030



# Inverse Universe

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



E032CF



FF12E8



7AE032



70656F



B0009F

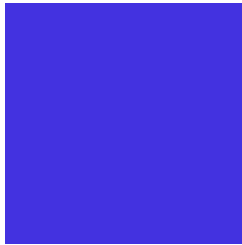


30002C



# Previews

## White Background



This preview shows how the Hex color 4332E0 looks on a white background.

## Color Contrast Check

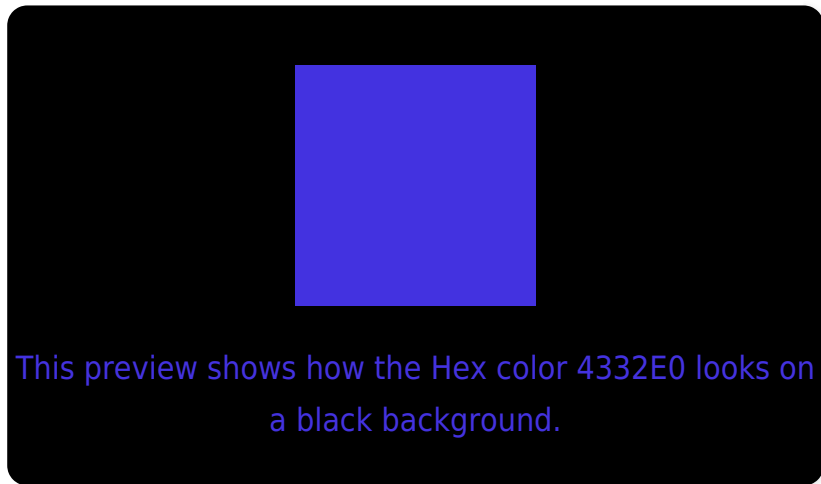
Large Text (above 18pt) WCAG AA ✓ Pass

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 4332E0 Background



This preview shows how black text looks on a background with the Hex color 4332E0.

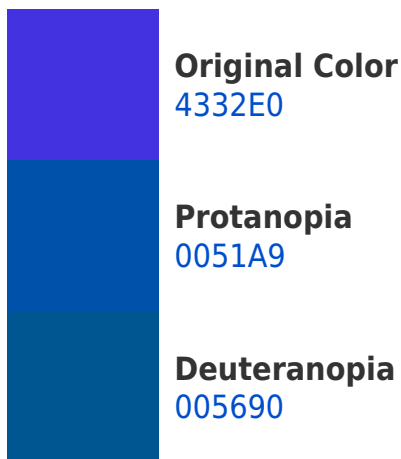


This preview shows how white text looks on a background with the Hex color 4332E0.

# 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**  
005D63

# Trichromacy



**Original Color**  
4332E0

**Protanomaly**  
1846BD

**Deuteranomaly**  
1849AD

**Tritanomaly**  
184D90

# Monochromacy



**Original Color**  
4332E0

**Achromatopsia**  
4B4B4B

**Achromatomaly**  
484281

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4332E0 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 #4332E0 looks like.

```
.text, #text, p{  
    color:#4332E0  
}
```

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 #4332E0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4332E0
}
```

## Border

The CSS property to change the border of an element to Hex 4332E0 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
#4332E0 }
```

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

```
.border{ border-color:#4332E0 }
```

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

Here you see how a box with a 4 pixel #4332E0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4332E0; -webkit-box-shadow:4px 4px  
4px 4px #4332E0; box-shadow:4px 4px 4px  
4px #4332E0 }
```

# Background

The CSS property to change the background color of an element to Hex 4332E0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4332E0 }
```

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

```
.background{ background-color:#4332E0 }
```

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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