

# Converting Colors

Hex(3D4EEB)

Have a look what the booklet for  
Hex(3D4EEB) contains.

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# Color

Hex(3D4EEB)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	3D4EEB
RGB	61, 78, 235
RGB Percent	24%, 31%, 92%
CMY	0.7608, 0.6941, 0.0784
CMYK	0.74, 0.67, 0.00, 0.08
HSL	234°, 81%, 58%
HSV	234°, 74%, 92%
XYZ	19.6443, 12.4390, 79.9629
YIQ	90.8150, -60.5290, 45.2230

# Conversions

## Conversions Part 2

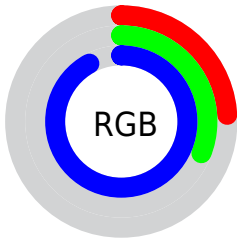
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	61, 76, 235
Decimal	4017899
CIE Lab	41.91, 46.03, -80.61
CIE LCh	42, 92.822, 299.728
Yxy	12.4390, 0.1753, 0.1110
Android (android.graphics.Color)	4282207979 (0xFF3D4EEB)
YUV	90.8150, 71.0832, -26.1478
Hunter-Lab	35.2690, 37.7007, -109.7356

# Details

The Hex color **3D4EEB** 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 **EBDA3D**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **8480FF**, and **0021B2** is the 20% darker color. If you saturate the color by 10%, you get **2539EB**, and if you desaturate by 10%, it is **5563EB**.

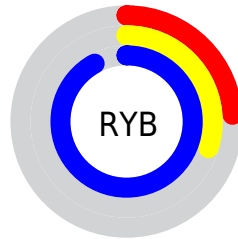
# Distribution



Red (24%)

Green (31%)

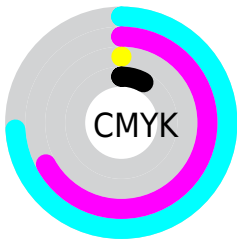
Blue (92%)



Red (24%)

Yellow (30%)

Blue (92%)

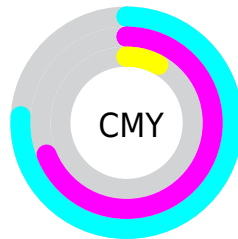


Cyan (74%)

Magenta (67%)

Yellow (0%)

Black (8%)



Cyan (76%)

Magenta (69%)

Yellow (8%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3D4EEB 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 3D4EEB by changing the saturation by 10% instead.



 3D4EEB

 3D4EEB

FFFFFF

 0037CE

 8480FF

 0021B2

 A49AFF

 000E96

 C4B5FF


 00007B

 E3D0FF

 000761

 FFEDFF

 000848

 000431

 00011B

 000000

■ 3D4EEB

■ 3D4EEB

■ 2539EB

■ 5563EB

■ 0E24EB

■ 6C78EB

■ 0017EB

■ 848EEB

■ 9BA3EB

■ B3B8EB

■ CACDEB

■ E2E2EB

■ F9F8EB

■ FFFFEB

# Harmonies

## Analogous

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



006FFF



3D4EEB



B800B2

# Triad

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



3D4EEB



B33900



007F60

# Complementary

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



3D4EEB



EBDA3D

# 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.



007B00



3D4EEB



7A6000

# Square

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



3D4EEB



D8001D



237300



0080AE

# Rectangle

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



3D4EEB



D70081



237300



007E45



# Sweetspot

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



3D4EEB



C7CCFF



3DEBDA



5E6280



000000



808080



# Same Dimension

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



3D4EEB



1C32FF



833DEB



6A6B75



0012B5



000536



# Inverse Universe

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



EB3D4E



FF1C32



A5EB3D



756A6B



B50012

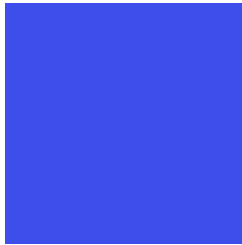


360005



# Previews

## White Background



This preview shows how the Hex color 3D4EEB looks on a white background.

## Color Contrast Check

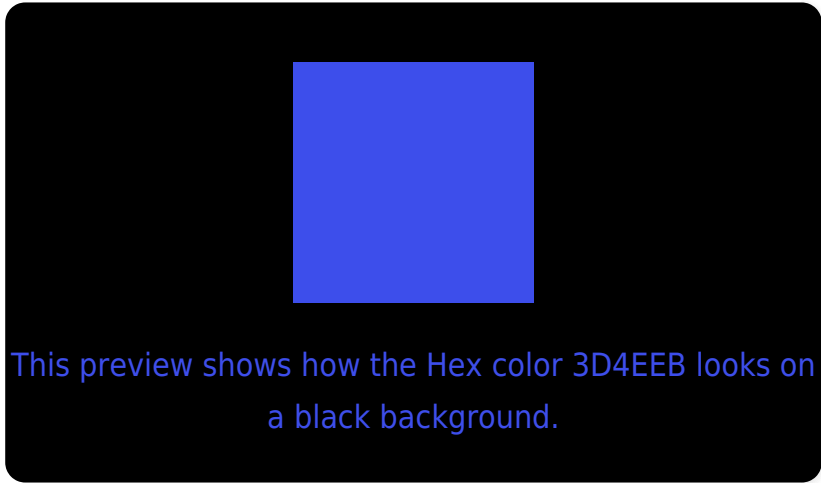
Large Text (above 18pt) WCAG AA ✓ Pass

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

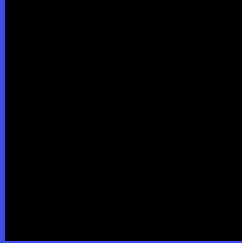
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 3D4EEB Background



This preview shows how black text looks on a background with the Hex color 3D4EEB.



This preview shows how white text looks on a background with the Hex color 3D4EEB.

# 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**  
3D4EEB

**Protanopia**  
005FC8

**Deuteranopia**  
0065AB



**Tritanopia**  
006D74

# Trichromacy



**Original Color**  
3D4EEB

**Protanomaly**  
1659D5

**Deuteranomaly**  
165DC2

**Tritanomaly**  
16629F

# Monochromacy



**Original Color**  
3D4EEB

**Achromatopsia**  
5B5B5B

**Achromatomaly**  
50568F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3D4EEB 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 #3D4EEB looks like.

```
.text, #text, p{  
    color:#3D4EEB  
}
```

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 #3D4EEB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D4EEB
}
```

## Border

The CSS property to change the border of an element to Hex 3D4EEB 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
#3D4EEB }
```

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

```
.border{ border-color:#3D4EEB }
```

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

Here you see how a box with a 4 pixel #3D4EEB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D4EEB; -webkit-box-shadow:4px 4px  
4px 4px #3D4EEB; box-shadow:4px 4px 4px  
4px #3D4EEB }
```

# Background

The CSS property to change the background color of an element to Hex 3D4EEB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D4EEB }
```

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

```
.background{ background-color:#3D4EEB }
```

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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