

Converting Colors

Hex(3D42EF)

Have a look what the booklet for
Hex(3D42EF) contains.

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Color

Hex(3D42EF)

Conversions

Conversions Part 1

Format	Color
Hex	3D42EF
RGB	61, 66, 239
RGB Percent	24%, 26%, 94%
CMY	0.7608, 0.7412, 0.0627
CMYK	0.74, 0.72, 0.00, 0.06
HSL	238°, 85%, 59%
HSV	238°, 74%, 94%
XYZ	19.4527, 11.1205, 82.7826
YIQ	84.2270, -58.5130, 52.7430

Conversions

Conversions Part 2

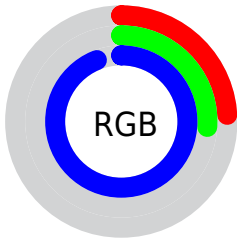
Format	Color
R _Y B	61, 66, 239
Decimal	4014831
CIE Lab	39.78, 54.21, -86.36
CIE LCh	40, 101.969, 302.119
Yxy	11.1205, 0.1716, 0.0981
Android (android.graphics.Color)	4282204911 (0xFF3D42EF)
YUV	84.2270, 76.3031, -20.3701
Hunter-Lab	33.3474, 45.7669, -123.8398

Details

The Hex color **3D42EF** 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 **EFEA3D**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **8674FF**, and **0013B5** is the 20% darker color. If you saturate the color by 10%, you get **252BEF**, and if you desaturate by 10%, it is **5559EF**.

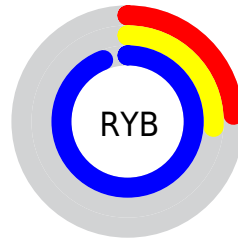
Distribution



Red (24%)

Green (26%)

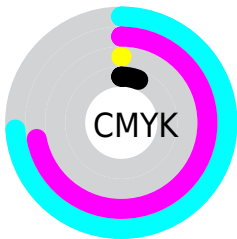
Blue (94%)



Red (24%)

Yellow (26%)

Blue (94%)

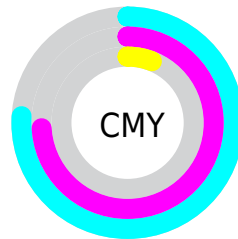


Cyan (74%)

Magenta (72%)

Yellow (0%)

Black (6%)



Cyan (76%)

Magenta (74%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3D42EF 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 3D42EF by changing the saturation by 10% instead.

■ 3D42EF

■ 3D42EF

FFFFFF

■ 002AD2

■ 8674FF

■ 0013B5

■ A68EFF

■ 00009A

■ C6A9FF

■ 00007F

■ E6C4FF

■ 000964

■ FFE1FF

■ 00094B

■ FFFDFF

■ 000434

■ 00021E

■ 000000

 3D42EF

 3D42EF

 252BEF

 5559EF

 0D14EF

 6D70EF

 0007EF

 8588EF

 9D9FEF

 B5B6EF

 CCCDEF

 E4E5EF

 FCFCEF

 FFFFEF

Harmonies

Analogous

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



006AFF



3D42EF



BE00AE

Triad

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



3D42EF



AD3200



007A62

Complementary

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



3D42EF



EFEA3D

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.



007700



3D42EF



6E5E00

Square

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



3D42EF



D80009



007000



007CB6

Rectangle

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



3D42EF



DC0078



007000



007944

Sweetspot

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



3D42EF



C7C8FF



3DEFE9



5E5F80



000000



808080

Same Dimension

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



3D42EF



1C22FF



903DEF



6C6C78



0005B8



000238

Inverse Universe

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



EF3D42



FF1C22



9CEF3D



786C6C



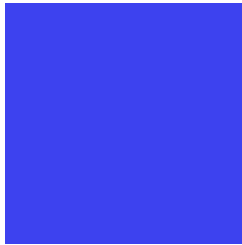
B80005



380002

Previews

White Background



This preview shows how the Hex color 3D42EF looks on a white background.

Color Contrast Check

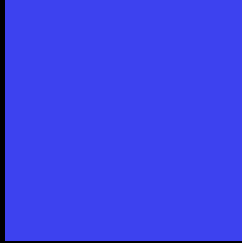
Large Text (above 18pt) WCAG AA ✓ Pass

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 3D42EF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

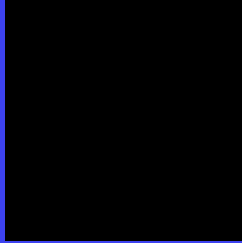
Any Text WCAG AA × Fail

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 3D42EF Background



This preview shows how black text looks on a background with the Hex color 3D42EF.

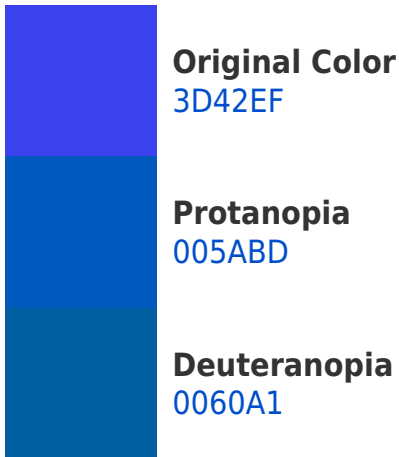


This preview shows how white text looks on a background with the Hex color 3D42EF.

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](#).

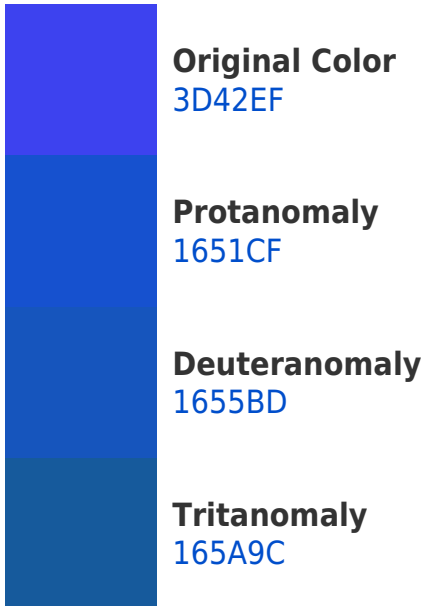
Dichromacy



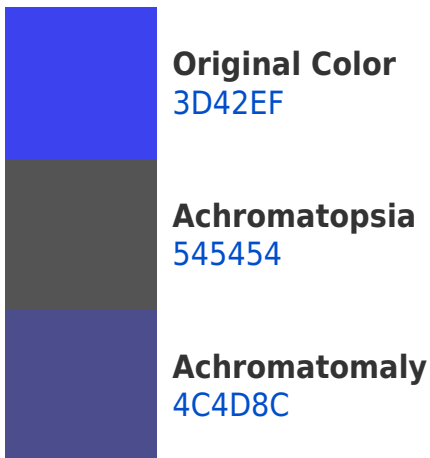


Tritanopia
00676D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3D42EF 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 #3D42EF looks like.

```
.text, #text, p{  
    color:#3D42EF  
}
```

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 #3D42EF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D42EF
}
```

Border

The CSS property to change the border of an element to Hex 3D42EF 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".

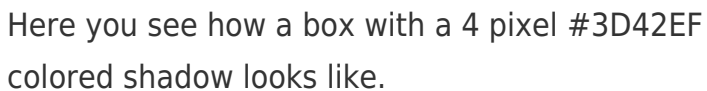
```
.border, #border, table{ border:4px solid
#3D42EF }
```

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

```
.border{ border-color:#3D42EF }
```

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

Here you see how a box with a 4 pixel #3D42EF colored shadow looks like.

A rectangular box with a 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 #3D42EF; -webkit-box-shadow:4px 4px  
4px 4px #3D42EF; box-shadow:4px 4px 4px  
4px #3D42EF }
```

Background

The CSS property to change the background color of an element to Hex 3D42EF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D42EF }
```

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

```
.background{ background-color:#3D42EF }
```

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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