

Converting Colors

Hex(3D4FB1)

Have a look what the booklet for
Hex(3D4FB1) contains.

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Color

Hex(3D4FB1)

Conversions

Conversions Part 1

Format	Color
Hex	3D4FB1
RGB	61, 79, 177
RGB Percent	24%, 31%, 69%
CMY	0.7608, 0.6902, 0.3059
CMYK	0.66, 0.55, 0.00, 0.31
HSL	231°, 49%, 47%
HSV	231°, 66%, 69%
XYZ	12.6563, 9.7584, 42.8115
YIQ	84.7900, -42.1860, 26.6620

Conversions

Conversions Part 2

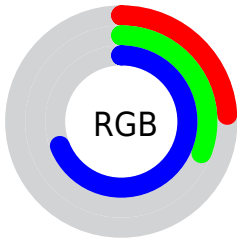
Format	Color
R _{YB}	61, 77, 177
Decimal	4018097
CIE Lab	37.41, 25.13, -54.44
CIE LCh	37, 59.962, 294.777
Yxy	9.7584, 0.1940, 0.1496
Android (android.graphics.Color)	4282208177 (0xFF3D4FB1)
YUV	84.7900, 45.4595, -20.8638
Hunter-Lab	31.2384, 17.6521, -59.3886

Details

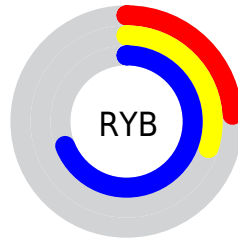
The Hex color **3D4FB1** is a dark color, and the websafe version is hex **3366CC**. A complement of this color would be **B19F3D**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **7980E9**, and **00237B** is the 20% darker color. If you saturate the color by 10%, you get **2B40B1**, and if you desaturate by 10%, it is **4F5EB1**.

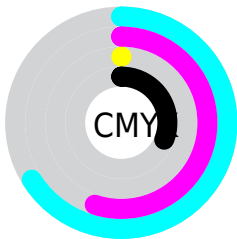
Distribution



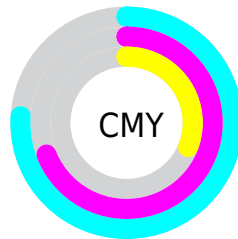
- Red (24%)
- Green (31%)
- Blue (69%)



- Red (24%)
- Yellow (30%)
- Blue (69%)



- Cyan (66%)
- Magenta (55%)
- Yellow (0%)
- Black (31%)



- Cyan (76%)
- Magenta (69%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3D4FB1 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 3D4FB1 by changing the saturation by 10% instead.

■ 3D4FB1

■ 3D4FB1

FFFFFF

■ 173896

■ 7980E9

■ 00237B

■ 959AFF

■ 001162

■ B2B5FF

■ 000049

■ D0D0FF

■ 000432

■ EDECFF

■ 00011C

■ 000000

■ 3D4FB1

■ 3D4FB1

■ 2B40B1

■ 4F5EB1

■ 1A31B1

■ 606DB1

■ 0822B1

■ 727CB1

■ 001BB1

■ 848BB1

■ 969AB1

■ A7A9B1

■ B9B8B1

■ CBC7B1

■ DCD6B1

Harmonies

Analogous

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



0061B9



3D4FB1



893491

Triad

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



3D4FB1



953D00



006C4E

Complementary

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



3D4FB1



B19F3D

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.



006919



3D4FB1



735300

Square

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



3D4FB1



A92133



456100



006D7F

Rectangle

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



3D4FB1



A01F73



456100



006B3D

Sweetspot

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



3D4FB1



B8BFE6



3DB19E



575B73



F2F2F2



737373

Same Dimension

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



3D4FB1



304CE6



643DB1



505259



001899



00041A

Inverse Universe

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



B13D4F



E6304C



8AB13D



595052



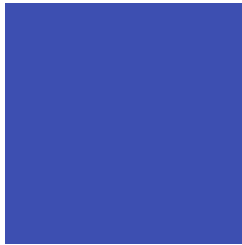
990018



1A0004

Previews

White Background



This preview shows how the Hex color 3D4FB1 looks on a white background.

Color Contrast Check

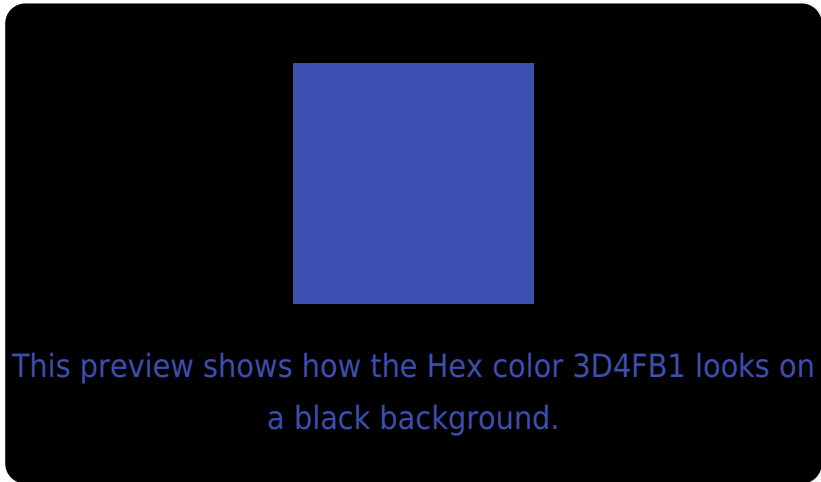
Large Text (above 18pt) WCAG AA ✓ Pass

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

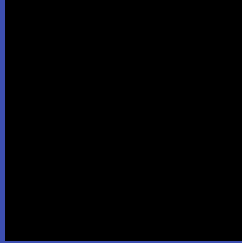
Any Text WCAG AA × Fail

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 3D4FB1 Background



This preview shows how black text looks on a background with the Hex color 3D4FB1.



This preview shows how white text looks on a background with the Hex color 3D4FB1.

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](#).

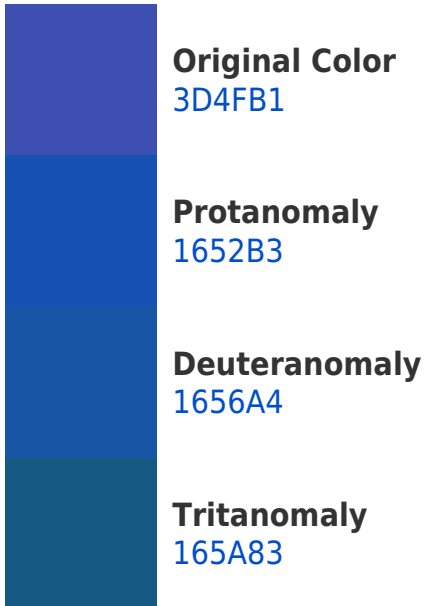
Dichromacy



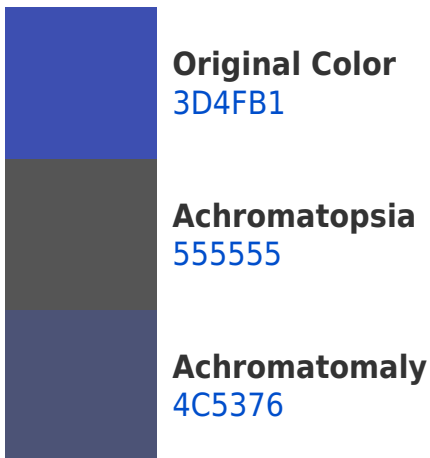


Tritanopia
006169

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3D4FB1 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 #3D4FB1 looks like.

```
.text, #text, p{  
    color:#3D4FB1  
}
```

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 #3D4FB1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D4FB1
}
```

Border

The CSS property to change the border of an element to Hex 3D4FB1 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
#3D4FB1 }
```

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

```
.border{ border-color:#3D4FB1 }
```

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

Here you see how a box with a 4 pixel #3D4FB1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D4FB1; -webkit-box-shadow:4px 4px  
4px 4px #3D4FB1; box-shadow:4px 4px 4px  
4px #3D4FB1 }
```

Background

The CSS property to change the background color of an element to Hex 3D4FB1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D4FB1 }
```

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

```
.background{ background-color:#3D4FB1 }
```

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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